

Memorandum

To: Mr. Le
From: Kimberly Johnson
Date: 7/31/02
Re: Litigation search request 5,600,672

Attached please find the results of your litigation search. Please feel free to contact me if you have additional questions or concerns. Thank you and have a great day.

Kimberly Johnson
TIS
EIC 2600
305-4071

Query/Command : prt max legalall

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US5600672 A 19970204 [US5600672]

TI - (A) Communication system

PA - (A) MATSUSHITA ELECTRIC IND CO LTD (JP)

IN - (A) OSHIMA MITSUAKI (JP); SAKASHITA SEIJI (JP)

AP - US24052194 19940510 [1994US-0240521]

PR - US24052194 19940510 [1994US-0240521]
JP6279891 19910327 [1991JP-0062798]
JP9581391 19910425 [1991JP-0095813]
JP15565091 19910529 [1991JP-0155650]
JP18223691 19910723 [1991JP-0182236]
JP6073992 19920317 [1992JP-0060739]
JP13298493 19930510 [1993JP-0132984]
JP26161293 19930924 [1993JP-0261612]
JP34997293 19931227 [1993JP-0349972]
JP7966894 19940324 [1994JP-0079668]
US85762792 19920325 [1992US-0857627]

IC - (A) H04B-001/38 H04L-005/16

EC - H04L-001/00B1
H04L-027/02
H04L-027/04
H04L-027/18M
H04L-027/26M1
H04L-027/26M1E
H04L-027/34
H04L-027/34M
H04L-027/38N2
H04N-005/44N
H04N-007/24A
H04N-007/26E
H04N-007/54

PCL - ORIGINAL (O) : 375219000; CROSS-REFERENCE (X) : 375270000 375301000 375321000

DT - Basic

CT - US5164963
Shanmugam, "Digital and Analog Communication Systems" 1979, p. 272.

STG - (A) United States patent

AB - At the transmitter side, carrier waves are modulated according to an input signal for producing relevant signal points in a signal space diagram. The input signal is divided into, two, first and second, data streams. The signal points are divided into signal point groups to which data of the first data stream are assigned. Also, data of the second data stream are assigned to the signal points of each signal point group. A difference in the transmission error rate between first and second data streams is developed by shifting the signal points to other positions in the space diagram expressed at least in the polar coordinate system. At the receiver side, the first and/or second data streams can be reconstructed from a received signal. In TV broadcast service, a TV signal is divided by a transmitter into low and high frequency band components which are designated as first and second data streams respectively. Upon receiving the TV

signal, a receiver can reproduce only the low frequency band component or both the low and high frequency band components, depending on its capability. Furthermore, a communication system based on an OFDM system is utilized for data transmission of a plurality of subchannels, wherein the subchannels are differentiated by changing the length of a guard time slot or a carrier wave interval of a symbol transmission time slot, or changing the transmission electric power of the carrier.

1 / 1 LGST - ©LEGSTAT

PN - US 5600672 [US5600672]
DT - US-P
ACT - 20020702 US/RF
REISSUE APPLICATION FILED
20020429
UP - 2002-30

1 / 1 CRXX - ©CLAIMS/RRX

PN - 5,600,672 A 19970204 [US5600672]
PA - Matsushita Electric Industrial Co Ltd JP
ACT - 19990204 REISSUE REQUESTED
ISSUE DATE OF O.G.: 19990420
REISSUE REQUEST NUMBER: 09/244037
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000915 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001114
REISSUE REQUEST NUMBER: 09/662695
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000919 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001114
REISSUE REQUEST NUMBER: 09/666012
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000921 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001114

REISSUE REQUEST NUMBER: 09/667438
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000921 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010102
REISSUE REQUEST NUMBER: 09/667525
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000925 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010313
REISSUE REQUEST NUMBER: 09/668068
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000925 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010403
REISSUE REQUEST NUMBER: 09/669916
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000929 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010213
REISSUE REQUEST NUMBER: 09/672948
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000929 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010501
REISSUE REQUEST NUMBER: 09/672947
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001128
REISSUE REQUEST NUMBER: 09/678014
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001226
REISSUE REQUEST NUMBER: 09/677420
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001226
REISSUE REQUEST NUMBER: 09/677421
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010522
REISSUE REQUEST NUMBER: 09/680176
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010605
REISSUE REQUEST NUMBER: 09/680177
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001128

REISSUE REQUEST NUMBER: 09/686464
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001128
REISSUE REQUEST NUMBER: 09/688028
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010102
REISSUE REQUEST NUMBER: 09/686463
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010102
REISSUE REQUEST NUMBER: 09/686466
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010102
REISSUE REQUEST NUMBER: 09/686467
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010130
REISSUE REQUEST NUMBER: 09/686465
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20020429 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020611
REISSUE REQUEST NUMBER: 10/133364
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20020429 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020702
REISSUE REQUEST NUMBER: 10/133347
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

1 / 14 PAST - ©Thomson Derwent

AN - 200227-001786
PN - 5600672 A [US5600672]
OG - 2002-07-02
ACT - REISSUE APPLICATION FILED

2 / 14 PAST - ©Thomson Derwent

AN - 200224-001835
PN - 5600672 A [US5600672]
OG - 2002-06-11
ACT - REISSUE APPLICATION FILED

3 / 14 PAST - ©Thomson Derwent

AN - 200123-001305
PN - 5600672 A [US5600672]
OG - 2001-06-05
ACT - REISSUE APPLICATION FILED

4 / 14 PAST - ©Thomson Derwent

AN - 200121-003178
PN - 5600672 A [US5600672]

OG - 2001-05-22
ACT - REISSUE APPLICATION FILED

5 / 14 PAST - ©Thomson Derwent

AN - 200118-002187
PN - 5600672 A [US5600672]
OG - 2001-05-01
ACT - REISSUE APPLICATION FILED

6 / 14 PAST - ©Thomson Derwent

AN - 200114-001926
PN - 5600672 A [US5600672]
OG - 2001-04-03
ACT - REISSUE APPLICATION FILED

7 / 14 PAST - ©Thomson Derwent

AN - 200111-001318
PN - 5600672 A [US5600672]
OG - 2001-03-13
ACT - REISSUE APPLICATION FILED

8 / 14 PAST - ©Thomson Derwent

AN - 200107-001231
PN - 5600672 A [US5600672]
OG - 2001-02-13
ACT - REISSUE APPLICATION FILED

9 / 14 PAST - ©Thomson Derwent

AN - 200105-001126
PN - 5600672 A [US5600672]
OG - 2001-01-30
ACT - REISSUE APPLICATION FILED

10 / 14 PAST - ©Thomson Derwent

AN - 200101-001072
PN - 5600672 A [US5600672]
OG - 2001-01-02

ACT - REISSUE APPLICATION FILED

11 / 14 PAST - ©Thomson Derwent

AN - 200052-001219

PN - 5600672 A [US5600672]

OG - 2000-12-26

ACT - REISSUE APPLICATION FILED

12 / 14 PAST - ©Thomson Derwent

AN - 200048-001217

PN - 5600672 A [US5600672]

OG - 2000-11-28

ACT - REISSUE APPLICATION FILED

13 / 14 PAST - ©Thomson Derwent

AN - 200046-001214

PN - 5600672 A [US5600672]

OG - 2000-11-14

ACT - REISSUE APPLICATION FILED

14 / 14 PAST - ©Thomson Derwent

AN - 199916-001183

PN - 5600672 A [US5600672]

OG - 1999-04-20

ACT - REISSUE APPLICATION FILED

<=1> GET 1st DRAWING SHEET OF 178

February 4, 1997

Communication system

REISSUE: October 5, 2000 - Reissue Application filed Oct. 5, 2000 (O.G. Jun. 5, 2001) Ex. Gp.: 2614; Re. S.N. 09/680,177Reissue Application filed Oct. 5, 2000 (O.G. May 22, 2001) Ex. Gp.: 2614; Re. S.N. 09/680, 176Reissue Application filed Sep. 29, 2000 (O.G. May 1, 2001) Ex. Gp.: 2614; Re. S.N. 09/672,947Reissue Application filed Sep. 25, 2000 (O.G. Apr. 3, 2001) Ex. Gp.: 2614; Re. S.N. 09/669,916Reissue Application filed Sep. 25, 2000 (O.G. Mar. 13, 2001) Ex. Gp.: 2614; Re. S.N. 09/668, 068Reissue Application filed Sep. 29, 2000 (O.G. Feb. 13, 2001) Ex. Gp.: 2614; Re. S.N. 09/672,948Reissue Application filed Oct. 12, 2000 (O.G. Jan. 30, 2001) Ex. Gp.: 2614; Re. S.N. 09/686,465Reissue Application Filed Oct. 12, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2614; Re. S.N. 09/686, 467Reissue Application Filed Oct. 12, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2614; Re. S.N. 09/686,466Reissue Application Filed Oct. 12, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2614; Re. S.N. 09/686,463Reissue Application Filed Sep. 21, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2614; Re. S.N. 09/667, 525Reissue Application filed Oct. 5, 2000 (O.G. Dec. 26, 2000) Ex. Gp.: 2614; Re. S.N. 09/677,420Reissue Application filed Oct. 12, 2000 (O.G. Nov. 28, 2000) Ex. Gp.: 2614; Re. S.N. 09/688,028Reissue Application filed Oct. 12, 2000 (O.G. Nov. 28, 2000) Ex. Gp.: 2614; Re. S.N. 09/686, 464Reissue Application filed Oct. 5, 2000 (O.G. Nov. 28, 2000) Ex. Gp.: 2614; Re. S.N. 09/678,014Reissue Application filed Sep. 21, 2000 (O.G. Nov. 14, 2000) Ex. Gp.: 2614; Re. S.N. 09/667,438Reissue Application filed Sep. 19, 2000 (O.G. Nov. 14, 2000) Ex. Gp.: 2614; Re. S.N. 09/666, 012Reissue Application filed Sep. 15, 2000 (O.G. Nov. 14, 2000) Ex. Gp.: 2614; Re. S.N. 09/662,695Reissue Application filed Feb. 4, 1999 (O.G. Apr. 20, 1999) Ex. Gp.: 2614; Re. S.N. 09/244,037June 5, 2001; April 29, 2002 - Reissue Application filed Ex. Gp.: 2614; Re. S.N. 10/133,364June 11, 2002; April 29, 2002 - Reissue Application filed Ex. Gp.: 2614; Re. S.N. 10/133,347July 2, 2002

APPL-NO: 08240521

FILED-DATE: May 10, 1994

5,600,672 OR 5600672

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,600,672 OR 5600672

LEXIS-NEXIS
Library: PATENT
File: JNLS

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,600,672 OR 5600672

LEXIS-NEXIS
Library: NEWS
File: CURNWS

Your search request has found no STORIES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

Set	Items	Description
S1	0	PN=US5600672
S2	1	PN=US 5600675
S3	1	PN=US 5600672

?t 3/39/1

3/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
(c) 2002 EPO. All rts. reserv.

14464905

Basic Patent (No,Kind,Date): EP 506400 A2 19920930 <No. of Patents: 439>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AT 205032	E	20010915	EP 93307575	A	19930924
AT 214214	E	20020315	EP 2000114692	A	19930326
AT 214215	E	20020315	EP 2000114699	A	19930326
AT 214216	E	20020315	EP 2000114702	A	19930326
AT 214217	E	20020315	EP 2000114700	A	19930326
AT 214218	E	20020315	EP 2000114695	A	19930326
AT 216812	E	20020515	EP 2000114689	A	19930326
AT 216813	E	20020515	EP 2000114690	A	19930326
AT 216814	E	20020515	EP 2000114694	A	19930326
AT 216815	E	20020515	EP 2000114696	A	19930326
AT 216816	E	20020515	EP 2000114697	A	19930326
AT 216817	E	20020515	EP 2000114698	A	19930326
AT 216818	E	20020515	EP 2000114701	A	19930326

AT 216819	E	20020515	EP 2000114693	A	19930326
AU 9335520	A1	19930930	AU 9335520	A	19930326
AU 9459052	A1	19941020	AU 9459052	A	19940325
AU 655539	B2	19941222	AU 9335520	A	19930326
AU 660123	B2	19950608	AU 9459052	A	19940325
CA 2092495	AA	19930927	CA 2092495	A	19930325
CA 2106919	AA	19940326	CA 2106919	A	19930924
CA 2113842	AA	19940722	CA 2113842	A	19940119
CA 2113877	AA	19940722	CA 2113877	A	19940120
CA 2119983	AA	19940926	CA 2119983	A	19940325
CA 2226398	AA	19940722	CA 2226398	A	19940120
CN 1066946	A	19921209	CN 92102955	A	19920327
CN 1075024	A	19930804	CN 93100918	A	19930128
CN 1076816	A	19930929	CN 93102721	A	19930325
CN 1085680	A	19940420	CN 93105219	A	19930326
CN 1096389	A	19941214	CN 94101055	A	19940121
CN 1098810	A	19950215	CN 94101336	A	19940121
CN 1099544	A	19950301	CN 94103352	A	19940325
CN 1119895	A	19960403	CN 94191566	A	19941228
CN 1127049	A	19960717	CN 95190313	A	19950418
CN 1138915	A	19961225	CN 95191218	A	19951116
CN 1166223	A	19971126	CN 96191182	A	19961008
CN 1173942	A	19980218	CN 96191826	A	19960515
CN 1250278	A	20000412	CN 99108470	A	19990616
CN 1305310	A	20010725	CN 2000133827	A	20001030
CN 1305311	A	20010725	CN 2000133828	A	20001030
CN 1305312	A	20010725	CN 2000133829	A	20001030
CN 1305313	A	20010725	CN 2000133830	A	20001030
CN 1342979	A	20020403	CN 2001123049	A	20010720
CN 1032099	B	19960619	CN 93102721	A	19930325
CN 1036952	B	19980107	CN 93105219	A	19930326
CN 1045036	B	19990908	CN 92102955	A	19920327
DE 69223541	C0	19980129	DE 69223541	A	19920326
DE 69232523	C0	20020502	DE 69232523	A	19920326
DE 69232526	C0	20020502	DE 69232526	A	19920326
DE 69232527	C0	20020502	DE 69232527	A	19920326
DE 69232529	C0	20020502	DE 69232529	A	19920326
DE 69232530	C0	20020502	DE 69232530	A	19920326
DE 69330665	C0	20011004	DE 69330665	A	19930924
DE 69331667	C0	20020411	DE 69331667	A	19930326
DE 69331668	C0	20020411	DE 69331668	A	19930326
DE 69331669	C0	20020411	DE 69331669	A	19930326
DE 69331670	C0	20020411	DE 69331670	A	19930326
DE 69331671	C0	20020411	DE 69331671	A	19930326
DE 69331853	C0	20020529	DE 69331853	A	19930326
DE 69331854	C0	20020529	DE 69331854	A	19930326
DE 69331855	C0	20020529	DE 69331855	A	19930326
DE 69331856	C0	20020529	DE 69331856	A	19930326
DE 69331857	C0	20020529	DE 69331857	A	19930326
DE 69331858	C0	20020529	DE 69331858	A	19930326
DE 69331859	C0	20020529	DE 69331859	A	19930326
DE 69331860	C0	20020529	DE 69331860	A	19930326
DE 69426795	C0	20010412	DE 69426795	A	19940727
DE 69523139	C0	20011115	DE 69523139	A	19951116
DE 69610859	C0	20001207	DE 69610859	A	19960515
DE 69610860	C0	20001207	DE 69610860	A	19960515
DE 69610861	C0	20001207	DE 69610861	A	19960515
DE 69611906	C0	20010405	DE 69611906	A	19960515
DE 69613010	C0	20010628	DE 69613010	A	19961008
DE 69613011	C0	20010628	DE 69613011	A	19961008
DE 69613156	C0	20010705	DE 69613156	A	19961008
DE 69614580	C0	20010920	DE 69614580	A	19960515
DE 69614823	C0	20011004	DE 69614823	A	19961008
DE 69615418	C0	20011025	DE 69615418	A	19960515
DE 69617478	C0	20020110	DE 69617478	A	19960515
DE 69618633	C0	20020221	DE 69618633	A	19960515
DE 69618672	C0	20020228	DE 69618672	A	19961008
DE 69620919	C0	20020529	DE 69620919	A	19961008

DE 69621053	C0	20020606	DE 69621053	A	19961008
DE 69621357	C0	20020627	DE 69621357	A	19961008
DE 69223541	T2	19980409	DE 69223541	A	19920326
DE 69426795	T2	20011108	DE 69426795	A	19940727
DE 69523139	T2	20020131	DE 69523139	A	19951116
DE 69610859	T2	20010315	DE 69610859	A	19960515
DE 69610860	T2	20010315	DE 69610860	A	19960515
DE 69610861	T2	20010315	DE 69610861	A	19960515
DE 69611906	T2	20010621	DE 69611906	A	19960515
DE 69613010	T2	20011115	DE 69613010	A	19961008
DE 69613011	T2	20011115	DE 69613011	A	19961008
DE 69613156	T2	20011025	DE 69613156	A	19961008
DE 69614580	T2	20020411	DE 69614580	A	19960515
DE 69614823	T2	20020411	DE 69614823	A	19961008
DE 69615418	T2	20020606	DE 69615418	A	19960515
DE 69617478	T2	20020508	DE 69617478	A	19960515
DE 69618633	T2	20020508	DE 69618633	A	19960515
DK 1039675	T3	20020624	DK 114692	A	19930326
DK 1039680	T3	20020624	DK 114699	A	19930326
DK 1039682	T3	20020624	DK 114702	A	19930326
DK 1045541	T3	20020624	DK 114700	A	19930326
DK 1049284	T3	20020624	DK 114695	A	19930326
EP 562875	A1	19930929	EP 93302369	A	19930326
EP 617531	A1	19940928	EP 94302149	A	19940324
EP 689200	A1	19951227	EP 95904033	A	19941228
EP 706174	A1	19960410	EP 95915345	A	19950418
EP 741382	A1	19961106	EP 95938017	A	19951116
EP 802527	A1	19971022	EP 96932845	A	19961008
EP 807929	A1	19971119	EP 96915172	A	19960515
EP 971345	A1	20000112	EP 97949124	A	19971217
EP 973335	A1	20000119	EP 99119278	A	19920326
EP 975168	A1	20000126	EP 99119266	A	19920326
EP 975169	A1	20000126	EP 99121006	A	19920326
EP 975170	A1	20000126	EP 99121007	A	19920326
EP 975171	A1	20000126	EP 99121008	A	19920326
EP 975172	A1	20000126	EP 99121024	A	19920326
EP 975173	A1	20000126	EP 99121025	A	19920326
EP 975174	A1	20000126	EP 99121026	A	19920326
EP 1003162	A1	20000524	EP 2000103257	A	19960515
EP 1005023	A1	20000531	EP 2000102965	A	19961008
EP 1005024	A1	20000531	EP 2000102966	A	19961008
EP 1005025	A1	20000531	EP 2000102967	A	19961008
EP 1005026	A1	20000531	EP 2000102968	A	19961008
EP 1005027	A1	20000531	EP 2000102969	A	19961008
EP 1005028	A1	20000531	EP 2000102971	A	19961008
EP 1005033	A1	20000531	EP 2000101774	A	19960515
EP 1005034	A1	20000531	EP 2000101775	A	19960515
EP 1005035	A1	20000531	EP 2000104818	A	19960515
EP 1006516	A1	20000607	EP 2000105014	A	19960515
EP 1006517	A1	20000607	EP 2000106447	A	19960515
EP 1024478	A1	20000802	EP 2000102970	A	19961008
EP 1028422	A1	20000816	EP 2000109898	A	19960515
EP 1028423	A1	20000816	EP 2000109899	A	19960515
EP 1030297	A1	20000823	EP 2000110461	A	19960515
EP 1031974	A1	20000830	EP 2000112310	A	19960515
EP 1049334	A1	20001102	EP 2000114691	A	19920326
EP 1168328	A1	20020102	EP 2001120681	A	19961008
EP 506400	A2	19920930	EP 92302627	A	19920326
EP 555031	A2	19930811	EP 93300695	A	19930129
EP 564187	A2	19931006	EP 93302365	A	19930326
EP 589709	A2	19940330	EP 93307575	A	19930924
EP 608126	A2	19940727	EP 94300403	A	19940119
EP 609013	A2	19940803	EP 94300402	A	19940119
EP 609617	A2	19940810	EP 93309619	A	19931201
EP 637016	A2	19950201	EP 94305557	A	19940727
EP 766478	A2	19970402	EP 96119060	A	19920326
EP 833319	A2	19980401	EP 97118775	A	19940119
EP 844611	A2	19980527	EP 98100524	A	19940119

(BASIC)

EP 844612	A2	19980527	EP 98100525	A	19940119
EP 1035693	A2	20000913	EP 2000114572	A	19930924
EP 1035694	A2	20000913	EP 2000114573	A	19930924
EP 1035695	A2	20000913	EP 2000114575	A	19930924
EP 1035696	A2	20000913	EP 2000114577	A	19930924
EP 1035697	A2	20000913	EP 2000114578	A	19930924
EP 1035698	A2	20000913	EP 2000114579	A	19930924
EP 1039672	A2	20000927	EP 2000114576	A	19930924
EP 1039673	A2	20000927	EP 2000114689	A	19930326
EP 1039674	A2	20000927	EP 2000114690	A	19930326
EP 1039675	A2	20000927	EP 2000114692	A	19930326
EP 1039676	A2	20000927	EP 2000114694	A	19930326
EP 1039677	A2	20000927	EP 2000114696	A	19930326
EP 1039678	A2	20000927	EP 2000114697	A	19930326
EP 1039679	A2	20000927	EP 2000114698	A	19930326
EP 1039680	A2	20000927	EP 2000114699	A	19930326
EP 1039681	A2	20000927	EP 2000114701	A	19930326
EP 1039682	A2	20000927	EP 2000114702	A	19930326
EP 1045541	A2	20001018	EP 2000114700	A	19930326
EP 1049282	A2	20001102	EP 2000114574	A	19930924
EP 1049283	A2	20001102	EP 2000114693	A	19930326
EP 1049284	A2	20001102	EP 2000114695	A	19930326
EP 1050879	A2	20001108	EP 2000115017	A	19940727
EP 1120777	A2	20010801	EP 2001108949	A	19951116
EP 1154608	A2	20011114	EP 2001118510	A	19930326
EP 506400	A3	19930526	EP 92302627	A	19920326
EP 555031	A3	19951115	EP 93300695	A	19930129
EP 564187	A3	19951206	EP 93302365	A	19930326
EP 589709	A3	19940928	EP 93307575	A	19930924
EP 608126	A3	19951129	EP 94300403	A	19940119
EP 609013	A3	19951129	EP 94300402	A	19940119
EP 609617	A3	19961211	EP 93309619	A	19931201
EP 637016	A3	19950830	EP 94305557	A	19940727
EP 766478	A3	20000119	EP 96119060	A	19920326
EP 833319	A3	20020403	EP 97118775	A	19940119
EP 1035693	A3	20001206	EP 2000114572	A	19930924
EP 1035694	A3	20001206	EP 2000114573	A	19930924
EP 1035695	A3	20001206	EP 2000114575	A	19930924
EP 1035696	A3	20001206	EP 2000114577	A	19930924
EP 1035697	A3	20001206	EP 2000114578	A	19930924
EP 1035698	A3	20001206	EP 2000114579	A	19930924
EP 1039672	A3	20001206	EP 2000114576	A	19930924
EP 1039673	A3	20001206	EP 2000114689	A	19930326
EP 1039674	A3	20001206	EP 2000114690	A	19930326
EP 1039675	A3	20001206	EP 2000114692	A	19930326
EP 1039676	A3	20001206	EP 2000114694	A	19930326
EP 1039677	A3	20001206	EP 2000114696	A	19930326
EP 1039678	A3	20001206	EP 2000114697	A	19930326
EP 1039679	A3	20001206	EP 2000114698	A	19930326
EP 1039680	A3	20001206	EP 2000114699	A	19930326
EP 1039681	A3	20001206	EP 2000114701	A	19930326
EP 1039682	A3	20001206	EP 2000114702	A	19930326
EP 1045541	A3	20001206	EP 2000114700	A	19930326
EP 1049282	A3	20001206	EP 2000114574	A	19930924
EP 1049283	A3	20001206	EP 2000114693	A	19930326
EP 1049284	A3	20001206	EP 2000114695	A	19930326
EP 1120777	A3	20011010	EP 2001108949	A	19951116
EP 689200	A4	19960529	EP 95904033	A	19941228
EP 706174	A4	19970702	EP 95915345	A	19950418
EP 741382	A4	19970702	EP 95938017	A	19951116
EP 802527	A4	19971210	EP 96932845	A	19961008
EP 807929	A4	19971210	EP 96915172	A	19960515
EP 506400	B1	19971217	EP 92302627	A	19920326
EP 589709	B1	20010829	EP 93307575	A	19930924
EP 637016	B1	20010307	EP 94305557	A	19940727
EP 741382	B1	20011010	EP 95938017	A	19951116
EP 766478	B1	20020327	EP 96119060	A	19920326
EP 802527	B1	20010829	EP 96932845	A	19961008

EP 807929	B1	20010228	EP 96915172	A	19960515
EP 975168	B1	20020327	EP 99119266	A	19920326
EP 975171	B1	20020327	EP 99121008	A	19920326
EP 975172	B1	20020327	EP 99121024	A	19920326
EP 975173	B1	20020327	EP 99121025	A	19920326
EP 1003162	B1	20001102	EP 2000103257	A	19960515
EP 1005023	B1	20020522	EP 2000102965	A	19961008
EP 1005024	B1	20010530	EP 2000102966	A	19961008
EP 1005025	B1	20020102	EP 2000102967	A	19961008
EP 1005026	B1	20010523	EP 2000102968	A	19961008
EP 1005027	B1	20010523	EP 2000102969	A	19961008
EP 1005028	B1	20020424	EP 2000102971	A	19961008
EP 1005033	B1	20010919	EP 2000101774	A	19960515
EP 1005034	B1	20001102	EP 2000101775	A	19960515
EP 1005035	B1	20001102	EP 2000104818	A	19960515
EP 1006516	B1	20011121	EP 2000105014	A	19960515
EP 1006517	B1	20011128	EP 2000106447	A	19960515
EP 1024478	B1	20020502	EP 2000102970	A	19961008
EP 1031974	B1	20010816	EP 2000112310	A	19960515
EP 1039673	B1	20020424	EP 2000114689	A	19930326
EP 1039674	B1	20020424	EP 2000114690	A	19930326
EP 1039675	B1	20020306	EP 2000114692	A	19930326
EP 1039676	B1	20020424	EP 2000114694	A	19930326
EP 1039677	B1	20020424	EP 2000114696	A	19930326
EP 1039678	B1	20020424	EP 2000114697	A	19930326
EP 1039679	B1	20020424	EP 2000114698	A	19930326
EP 1039680	B1	20020306	EP 2000114699	A	19930326
EP 1039681	B1	20020424	EP 2000114701	A	19930326
EP 1039682	B1	20020306	EP 2000114702	A	19930326
EP 1045541	B1	20020306	EP 2000114700	A	19930326
EP 1049283	B1	20020424	EP 2000114693	A	19930326
EP 1049284	B1	20020306	EP 2000114695	A	19930326
JP 5250756	A2	19930928	JP 9250328	A	19920309
JP 5307788	A2	19931119	JP 92111176	A	19920430
JP 5327807	A2	19931210	JP 9268935	A	19920327
JP 6036387	A2	19940210	JP 92194450	A	19920722
JP 6164665	A2	19940610	JP 9368545	A	19930326
JP 6180888	A2	19940628	JP 9334656	A	19930128
JP 6231509	A2	19940819	JP 9363428	A	19930226
JP 6231510	A2	19940819	JP 9392247	A	19930326
JP 7093962	A2	19950407	JP 93300723	A	19931201
JP 7099522	A2	19950411	JP 93261611	A	19930924
JP 7235097	A2	19950905	JP 93351425	A	19931228
JP 7235098	A2	19950905	JP 93351426	A	19931228
JP 7235099	A2	19950905	JP 9422135	A	19940121
JP 7249227	A2	19950926	JP 94195853	A	19940727
JP 7264148	A2	19951013	JP 9479668	A	19940324
JP 7320333	A2	19951208	JP 9422158	A	19940121
JP 7322219	A2	19951208	JP 9479432	A	19940325
JP 8212560	A2	19960820	JP 94327805	A	19941228
JP 8212681	A2	19960820	JP 9516865	A	19950203
JP 8273164	A2	19961018	JP 9592116	A	19950418
JP 10233019	A2	19980902	JP 979318	A	19970122
JP 11162031	A2	19990618	JP 97351243	A	19971219
JP 2000032074	A2	20000128	JP 99169243	A	19990616
JP 2000032075	A2	20000128	JP 99169244	A	19990616
JP 2000032076	A2	20000128	JP 99169245	A	19990616
JP 2000032077	A2	20000128	JP 99169246	A	19990616
JP 2000032078	A2	20000128	JP 99169247	A	19990616
JP 2000032079	A2	20000128	JP 99169248	A	19990616
JP 2000076659	A2	20000314	JP 99257252	A	19990910
JP 2000076662	A2	20000314	JP 99257248	A	19990910
JP 2000076705	A2	20000314	JP 99257245	A	19990910
JP 2000076791	A2	20000314	JP 99257247	A	19990910
JP 2000078222	A2	20000314	JP 99200091	A	19990714
JP 2000106579	A2	20000411	JP 99289582	A	19991012
JP 2000106580	A2	20000411	JP 99289583	A	19991012
JP 2000106581	A2	20000411	JP 99289584	A	19991012

JP 2000106582	A2	20000411	JP 99289585	A	19991012
JP 2000106583	A2	20000411	JP 99289586	A	19991012
JP 2000149423	A2	20000530	JP 99373897	A	19961008
JP 2000156037	A2	20000606	JP 99373901	A	19991228
JP 2000173062	A2	20000623	JP 99373902	A	19960810
JP 2000173063	A2	20000623	JP 99375208	A	19991228
JP 2000173179	A2	20000623	JP 99373898	A	19991228
JP 2000215603	A2	20000804	JP 99373896	A	19991228
JP 2000222729	A2	20000811	JP 99257251	A	19990910
JP 2000222739	A2	20000811	JP 99257250	A	19990910
JP 2000222743	A2	20000811	JP 99375209	A	19991228
JP 2000222782	A2	20000811	JP 99257246	A	19990910
JP 2000222783	A2	20000811	JP 99257249	A	19990910
JP 2000228016	A2	20000815	JP 99373899	A	19960810
JP 2000228062	A2	20000815	JP 99373900	A	19991228
JP 2000299677	A2	20001024	JP 200085410	A	20000324
JP 2000312195	A2	20001107	JP 200085407	A	19930326
JP 2000312196	A2	20001107	JP 200085408	A	19930326
JP 2000312197	A2	20001107	JP 200085409	A	20000324
JP 2000312198	A2	20001107	JP 200095800	A	19930924
JP 2000315992	A2	20001114	JP 200085411	A	20000101
JP 2000324083	A2	20001124	JP 200095801	A	19930924
JP 2001093159	A2	20010406	JP 2000271625	A	20000907
JP 2001101668	A2	20010413	JP 2000275439	A	20000911
JP 2001101669	A2	20010413	JP 2000275440	A	20000911
JP 2001110062	A2	20010420	JP 2000271624	A	19960515
JP 2001160833	A2	20010612	JP 2000296301	A	20000928
JP 2001160838	A2	20010612	JP 2000296300	A	20000928
JP 2001211138	A2	20010803	JP 2000375627	A	20001211
JP 2001217804	A2	20010810	JP 2000383210	A	20001218
JP 2001217805	A2	20010810	JP 2000383257	A	20001218
JP 2001217806	A2	20010810	JP 2000383303	A	20001218
JP 2001217807	A2	20010810	JP 2000383395	A	20001218
JP 2001217808	A2	20010810	JP 2000383425	A	20001218
JP 2001217809	A2	20010810	JP 2000383459	A	20001218
JP 2001217810	A2	20010810	JP 2000383489	A	20001218
JP 2001217811	A2	20010810	JP 2000383523	A	20001218
JP 2001217890	A2	20010810	JP 2000381901	A	20001215
JP 2001223669	A2	20010817	JP 2000383341	A	20001218
JP 2002057650	A2	20020222	JP 2001173882	A	20010608
JP 2002074858	A2	20020315	JP 2001224159	A	20010725
JP 2002092894	A2	20020329	JP 2001224158	A	20010725
JP 3008651	B2	20000214	JP 9268935	A	19920327
JP 3042780	B2	20000522	JP 99257245	A	19990910
JP 3042781	B2	20000522	JP 99257252	A	19990910
JP 3061053	B2	20000710	JP 99169243	A	19990616
JP 3061054	B2	20000710	JP 99169244	A	19990616
JP 3061055	B2	20000710	JP 99169245	A	19990616
JP 3061056	B2	20000710	JP 99169248	A	19990616
JP 3089599	B2	20000918	JP 99257246	A	19990910
JP 3089600	B2	20000918	JP 99257249	A	19990910
JP 3089601	B2	20000918	JP 99257250	A	19990910
JP 3092620	B2	20000925	JP 99169246	A	19990616
JP 3092621	B2	20000925	JP 99169247	A	19990616
JP 3097914	B2	20001010	JP 99257251	A	19990910
JP 3097916	B2	20001010	JP 99375208	A	19991228
JP 3097917	B2	20001010	JP 99375209	A	19991228
JP 3109552	B2	20001120	JP 9368545	A	19930326
JP 3111776	B2	20001127	JP 93261611	A	19930924
JP 3112012	B2	20001127	JP 99289582	A	19991012
JP 3112013	B2	20001127	JP 99289583	A	19991012
JP 3112014	B2	20001127	JP 99289586	A	19991012
JP 3114727	B2	20001204	JP 99289584	A	19991012
JP 3114728	B2	20001204	JP 99289585	A	19991012
JP 3143454	B2	20010307	JP 2000275439	A	20000911
JP 3143455	B2	20010307	JP 2000275440	A	20000911
JP 3144422	B2	20010312	JP 99373896	A	19991228
JP 3144423	B2	20010312	JP 99373901	A	19991228

JP 3147120	B2	20010319	JP 99373898	A	19991228
JP 3147121	B2	20010319	JP 99373900	A	19991228
JP 3154704	B2	20010409	JP 200085407	A	19930326
JP 3154705	B2	20010409	JP 200085408	A	19930326
JP 3154706	B2	20010409	JP 200085409	A	20000324
JP 3154707	B2	20010409	JP 200085410	A	20000324
JP 3154708	B2	20010409	JP 200095800	A	19930924
JP 3154709	B2	20010409	JP 200095801	A	19930924
JP 3175740	B2	20010611	JP 99373897	A	19961008
JP 3209221	B2	20010917	JP 99373899	A	19960810
JP 3209222	B2	20010917	JP 99373902	A	19960810
JP 3225035	B2	20011105	JP 2000271624	A	19960515
JP 3225036	B2	20011105	JP 2000271625	A	20000907
JP 3231035	B2	20011119	JP 2000383257	A	20001218
JP 3231036	B2	20011119	JP 2000383303	A	20001218
JP 3233625	B2	20011126	JP 2000383210	A	20001218
JP 3233626	B2	20011126	JP 2000383341	A	20001218
JP 3246731	B2	20020115	JP 99257248	A	19990910
JP 3248807	B2	20020121	JP 9479432	A	19940325
KR 161051	B1	19990115	KR 946012	A	19940325
KR 195398	B1	19990615	KR 941111	A	19940121
KR 217013	B1	19991001	KR 941112	A	19940121
KR 237555	B1	20000201	KR 9418308	A	19940727
KR 9602468	B1	19960217	KR 934766	A	19930326
KR 9602703	B1	19960224	KR 924913	A	19920326
SG 5400982	A1	19981221	SG 9502048	A	19940119
SG 7100102	A1	20000321	SG 9800735	A	19940119
SG 7100103	A1	20000321	SG 9800736	A	19940119
SG 8200519	A1	20010821	SG 9502012	A	19940119
SG 8300122	A1	20010918	SG 9901814	A	19960515
US 5473584	A	19951205	US 281337	A	19940727
US 5526328	A	19960611	US 184117	A	19940121
US 5555275	A	19960910	US 417269	A	19950405
US 5600672	A	19970204	US 240521	A	19940510
US 5682360	A	19971028	US 9709	A	19930127
US 5699331	A	19971216	US 534771	A	19950927
US 5761301	A	19980602	US 560015	A	19951117
US 5802241	A	19980901	US 706376	A	19960830
US 5805551	A	19980908	US 845794	A	19970425
US 5807640	A	19980915	US 507495	A	19950828
US 5819000	A	19981006	US 37108	A	19930325
US 5881038	A	19990309	US 423668	A	19950418
US 5892879	A	19990406	US 126589	A	19930927
US 5959948	A	19990928	US 970162	A	19971113
US 5999569	A	19991207	US 61979	A	19980417
US 6049651	A	20000411	US 64147	A	19980422
US 6052465	A	20000418	US 649411	A	19960516
US 6081785	A	20000627	US 849468	A	19970609
US 6122373	A	20000919	US 404506	A	19990923
US 6125181	A	20000926	US 404639	A	19990923
US 6128388	A	20001003	US 401114	A	19990922
US 6141419	A	20001031	US 441338	A	19991116
US 6144742	A	20001107	US 401669	A	19990922
US 6160888	A	20001212	US 441337	A	19991116
US 20010013023	AA	20010809	US 450438	A	19991130
US 20010021144	AA	20010913	US 833995	A	20010412
US 20010038578	AA	20011108	US 796534	A	20010302
US 20010055132	AA	20011227	US 450416	A	19991130
US 20020046177	AA	20020418	US 917877	A	20010731
US 20020049678	AA	20020425	US 964378	A	20010928
US 20020070282	AA	20020613	US 67171	A	20020204
US 20020073038	AA	20020613	US 475228	A	19991230
US 20020080285	AA	20020627	US 741336	A	20001221
US 20020080961	AA	20020627	US 81944	A	20020220
US 6175629	BA	20010116	US 441357	A	19991116
US 6208736	BA	20010327	US 441021	A	19991116
US 6229896	BA	20010508	US 440782	A	19991116
US 6243330	BA	20010605	US 305318	A	19990505

US 6256357	BA	20010703	US 379746	A	19990824
US 6266299	BA	20010724	US 308550	A	19990520
US 6278671	BA	20010821	US 679580	A	20001004
US 6285762	BA	20010904	US 401935	A	19990923
US 6285763	BA	20010904	US 441281	A	19991116
US 6285764	BA	20010904	US 679233	A	20001004
US 6298138	BA	20011002	US 679505	A	20001004
US 6301569	BA	20011009	US 450437	A	19991130
US 6343282	BA	20020129	US 450413	A	19991130
US 6408285	BA	20020618	US 450452	A	19991130
US 6381588	BB	20020430	US 450416	A	19991130
WO 9518443	A1	19950706	WO 94JP2304	A	19941228
WO 9528704	A1	19951026	WO 95JP760	A	19950418
WO 9616401	A1	19960530	WO 95JP2339	A	19951116
WO 9714144	A1	19970417	WO 96JP2924	A	19961008
WO 9714146	A1	19970417	WO 96JP1303	A	19960515
WO 9827553	A1	19980625	WO 97JP4664	A	19971217
TW 462039	B	20011101	TW 86102384	A	19950126

Priority Data (No,Kind,Date):

JP 92256070 A 19920925
 JP 9366461 A 19930325
 JP 93132984 A 19930510
 JP 9267934 A 19920326
 JP 93261612 A 19930924
 JP 93349972 A 19931227
 JP 938596 A 19930121
 JP 9392219 A 19930325
 JP 93107423 A 19930409
 JP 93205682 A 19930727
 JP 93297504 A 19931102
 JP 93314114 A 19931119
 CA 2113877 A3 19940120
 JP 9162798 A 19910327
 JP 91182236 A 19910723
 JP 9213809 A 19920129
 JP 92280874 A 19920925
 JP 92246070 A 19920925
 JP 9268031 A 19920326
 JP 92111176 A 19920430
 JP 92194450 A 19920722
 JP 92282666 A 19921021
 JP 92331300 A 19921211
 JP 93335165 A 19931228
 JP 94299508 A 19941202
 JP 94104879 A 19940418
 JP 94283415 A 19941117
 JP 9516153 A 19950202
 JP 96211304 A 19960809
 JP 95261247 A 19951009
 JP 968910 A 19960123
 JP 94327963 A 19941228
 JP 9515318 A 19950201
 JP 9516865 A 19950203
 JP 91155650 A 19910529
 JP 9195813 A 19910425
 JP 9260739 A 19920317
 JP 94156089 A 19940707
 WO 95JP2339 W 19951116
 WO 96JP1303 W 19960515
 WO 96JP2924 W 19961008
 DK 9393302369 L 19930326
 WO 94JP2304 W 19941228
 JP 9422191 A 19940120
 WO 95JP760 W 19950418
 WO 97JP4664 W 19971217
 JP 96339304 A 19961219
 JP 979318 A 19970122
 JP 97259110 A 19970924

EP 96119060 A3 19920326
EP 92302627 A3 19920326
EP 96915172 A3 19960515
EP 96932845 A3 19961008
EP 2000102970 A3 19961008
JP 9242558 A 19920228
JP 9250328 A 19920309
JP 92321063 A 19921201
EP 94300402 A3 19940119
EP 94300403 A3 19940119
EP 93307575 A3 19930924
EP 93302369 A3 19930326
EP 94305557 A3 19940727
EP 95938017 A3 19951116
JP 9162798 A1 19910327
JP 9195813 A1 19910425
JP 91155650 A1 19910529
JP 91182236 A1 19910723
JP 9260739 A1 19920317
JP 9368545 A 19930326
JP 9334656 A 19930128
JP 9363428 A 19930226
JP 9392247 A 19930326
JP 93300723 A 19931201
JP 93261611 A 19930924
JP 93351425 A 19931228
JP 93333874 A 19931227
JP 93333392 A 19931227
JP 93333403 A 19931227
JP 93351426 A 19931228
JP 9391011 A 19930419
JP 93333855 A 19931227
JP 9422135 A 19940121
JP 94195853 A 19940727
JP 9479668 A 19940324
JP 9422158 A 19940121
JP 9479432 A 19940325
JP 94327805 A 19941228
JP 9592116 A 19950418
JP 968110 A 19960122
JP 97351243 A 19971219
JP 99169243 A 19990616
JP 99169244 A 19990616
JP 99169245 A 19990616
JP 99169246 A 19990616
JP 99169247 A 19990616
JP 99169248 A 19990616
JP 99257252 A 19990910
JP 99257248 A 19990910
JP 99257245 A 19990910
JP 99257247 A 19990910
JP 99200091 A 19990714
JP 99289582 A 19991012
JP 99289583 A 19991012
JP 99289584 A 19991012
JP 99289585 A 19991012
JP 99289586 A 19991012
JP 99373897 A 19961008
JP 99373902 A 19960810
JP 99373899 A 19960810
JP 200085410 A 20000324
JP 200085407 A 19930326
JP 200085408 A 19930326
JP 200085409 A 20000324
JP 200095800 A 19930924
JP 200095801 A 19930924
JP 2000271625 A 20000907
JP 2000275439 A 20000911

JP 2000275440 A 20000911
JP 2000271624 A 19960515
JP 2000296301 A 20000928
JP 2000296300 A 20000928
JP 2000375627 A 20001211
JP 2000383210 A 20001218
JP 2000383257 A 20001218
JP 2000383303 A 20001218
JP 2000383395 A 20001218
JP 2000383425 A 20001218
JP 2000383459 A 20001218
JP 2000383489 A 20001218
JP 2000383523 A 20001218
JP 2000381901 A 20001215
JP 2000383341 A 20001218
JP 2001173882 A 20010608
JP 2001224159 A 20010725
JP 2001224158 A 20010725
JP 9268935 A 19920327
US 281337 A 19940727
US 184117 A2 19940121
US 9709 A2 19930127
US 184117 A 19940121
US 417269 A 19950405
US 857627 B1 19920325
US 240521 A 19940510
US 857627 A2 19920325
US 534771 A 19950927
US 281337 A3 19940727
US 706376 A 19960830
US 217895 B1 19940325
US 126589 A2 19930927
US 37108 A2 19930325
US 845794 A 19970425
US 423668 A3 19950418
US 281337 A2 19940727
US 423668 A 19950418
US 126589 A 19930927
US 970162 A 19971113
US 534771 A1 19950927
US 61979 A 19980417
US 37108 A3 19930325
US 64147 A 19980422
US 126589 A3 19930927
US 37108 A1 19930325
US 404506 A 19990923
US 649411 A3 19960516
US 404639 A 19990923
US 401114 A 19990922
US 441338 A 19991116
US 649411 A1 19960516
US 401669 A 19990922
US 441337 A 19991116
US 450438 A 19991130
US 849468 A1 19970609
US 833995 A 20010412
US 308550 A3 19990520
US 796534 A 20010302
US 305318 A3 19990505
US 970162 A3 19971113
US 450416 A 19991130
US 917877 A 20010731
US 450416 A1 19991130
US 964378 A 20010928
US 886130 A1 20010622
US 475228 A1 19991230
US 67171 A 20020204
US 595139 A1 20000615

US 441338 A1 19991116
US 475228 A 19991230
US 741336 A 20001221
US 505753 A3 20000216
US 64147 A3 19980422
US 81944 A 20020220
US 713183 A3 20001115
US 441281 A1 19991116
US 441357 A 19991116
US 441021 A 19991116
US 440782 A 19991116
US 305318 A 19990505
US 379746 A 19990824
US 61979 A3 19980417
US 679580 A 20001004
US 401935 A 19990923
US 441281 A 19991116
US 679233 A 20001004
US 679505 A 20001004
US 450437 A 19991130
US 450413 A 19991130
US 450452 A 19991130

PATENT FAMILY:

AUSTRIA (AT)

Patent (No,Kind,Date): AT 205032 E 20010915
MEHRFACHAUFLOESUNGSUEBERTRAGUNGSSYSTEM (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 92256070 A 19920925; JP 9366461 A
19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 93307575 A 19930924
Addnl Info: 589709 20010829
IPC: * H04L-001/00; H04L-027/18
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): AT 214214 E 20020315
UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN BEI VERWENDUNG VON
MEHRTRAEGERSIGNALEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): EP 2000114692 A 19930326
Addnl Info: 1039675 20020306
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): AT 214215 E 20020315
UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
KODIERUNG BEI MEHRTRAEGERMODULATION (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): EP 2000114699 A 19930326
Addnl Info: 1039680 20020306

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): AT 214216 E 20020315
UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN, INSBESEONDERE MIT
MEHRTRAEGERSIGNALEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): EP 2000114702 A 19930326
Addnl Info: 1039682 20020306
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): AT 214217 E 20020315
UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN UND FEHLERKORRIEGIERENDE
KODIERUNG MIT MEHRTRAEGERSIGNALEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): EP 2000114700 A 19930326
Addnl Info: 1045541 20020306
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): AT 214218 E 20020315
UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN BEI MEHRTRAEGERSIGNALEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): EP 2000114695 A 19930326
Addnl Info: 1049284 20020306
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): AT 216812 E 20020515
UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
KODIERUNG, BEI MEHRTRAEGERSIGNALEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A

19920925
 Applic (No,Kind,Date): EP 2000114689 A 19930326
 Addnl Info: 1039673 20020424
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): AT 216813 E 20020515
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
 KODIERUNG, BEI MEHRTRAEGERSIGNALLEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
 19920925
 Applic (No,Kind,Date): EP 2000114690 A 19930326
 Addnl Info: 1039674 20020424
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): AT 216814 E 20020515
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN, INSBESONDERE MIT
 MEHRTRAEGERSIGNALLEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
 19920925
 Applic (No,Kind,Date): EP 2000114694 A 19930326
 Addnl Info: 1039676 20020424
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): AT 216815 E 20020515
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
 KODIERUNG, BEI MEHRTRAEGERMODULATION (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
 19920925
 Applic (No,Kind,Date): EP 2000114696 A 19930326
 Addnl Info: 1039677 20020424
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): AT 216816 E 20020515
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN, INSBESONDERE BEI
 MEHRTRAEGERSIGNALLEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A

19920925

Applic (No,Kind,Date): EP 2000114697 A 19930326

Addnl Info: 1039678 20020424

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144

Language of Document: German

Patent (No,Kind,Date): AT 216817 E 20020515

UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN BEI MEHRTRAEGERSIGNALLEN (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925

Applic (No,Kind,Date): EP 2000114698 A 19930326

Addnl Info: 1039679 20020424

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144

Language of Document: German

Patent (No,Kind,Date): AT 216818 E 20020515

UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
KODIERUNG, BEI MEHRTRAEGERSIGNALLEN (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925

Applic (No,Kind,Date): EP 2000114701 A 19930326

Addnl Info: 1039681 20020424

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144

Language of Document: German

Patent (No,Kind,Date): AT 216819 E 20020515

UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN BEI MEHRTRAEGERSIGNALLEN (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925

Applic (No,Kind,Date): EP 2000114693 A 19930326

Addnl Info: 1049283 20020424

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144

Language of Document: German

AUSTRIA (AT)

Legal Status (No,Type,Date,Code,Text):

AT 205032 R 20010915 AT REF CORRESPONDS TO EP-PATENT
(ENTSPRICHT EP-PATENT)

EP 589709 P 20010829

AT 205032 R 20020215 AT RER CEASED AS TO PARAGRAPH 5
LIT. 3 LAW INTRODUCING PATENT TREATIES

			(ERLOSCHEN GEM. PAR. 5 ABS. 3 PATVEG.)
AT	214214	R	20020315 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039675 P 20020306
AT	214215	R	20020315 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039680 P 20020306
AT	214216	R	20020315 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039682 P 20020306
AT	214217	R	20020315 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1045541 P 20020306
AT	214218	R	20020315 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1049284 P 20020306
AT	216812	R	20020515 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039673 P 20020424
AT	216813	R	20020515 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039674 P 20020424
AT	216814	R	20020515 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039676 P 20020424
AT	216815	R	20020515 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039677 P 20020424
AT	216816	R	20020515 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039678 P 20020424
AT	216817	R	20020515 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039679 P 20020424
AT	216818	R	20020515 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1039681 P 20020424
AT	216819	R	20020515 AT REF CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 1049283 P 20020424

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9335520 A1 19930930
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): AU 9335520 A 19930326
 IPC: * H04L-027/36; H04L-027/38; H04N-007/20; H04N-005/40; H04N-005/455; H04L-027/34; G11B-020/12
 Language of Document: English
 Patent (No,Kind,Date): AU 9459052 A1 19941020
 COMPATIBLE HDTV SATELLITE BROADCASTING SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
 Applic (No,Kind,Date): AU 9459052 A 19940325
 IPC: * H04N-007/20; H04N-007/12; H04N-005/40; H04N-005/455; H04B-007/204; H04B-007/216; H04B-007/17; H04L-001/00; H03M-013/00
 Derwent WPI Acc No: ; G 94-342258
 Language of Document: English
 Patent (No,Kind,Date): AU 655539 B2 19941222
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A

19920925

Applic (No,Kind,Date): AU 9335520 A 19930326
IPC: * H04L-027/36; H04L-027/38; H04N-007/20; H04N-005/40;
H04N-005/455; H04L-027/34; G11B-020/12
Derwent WPI Acc No: * G 93-305235; G 94-103292
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): AU 660123 B2 19950608
COMMUNICATION SYSTEM (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): OSHIMA MITSUAKI
Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
19930510; JP 93261612 A 19930924
Applic (No,Kind,Date): AU 9459052 A 19940325
IPC: * H04N-007/20; H04N-007/12; H04N-005/40; H04N-005/455;
H04B-007/204; H04B-007/216; H04B-007/17; H04L-001/00; H03M-013/00
Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
Language of Document: English

CANADA (CA)

Patent (No,Kind,Date): CA 2092495 AA 19930927
COMMUNICATION SYSTEM (English; French)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): CA 2092495 A 19930325
IPC: * H04B-007/24; H04N-005/76; H04N-009/80
Language of Document: English
Patent (No,Kind,Date): CA 2106919 AA 19940326
COMMUNICATION SYSTEM (English; French)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 92256070 A 19920925; JP 9366461 A
19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): CA 2106919 A 19930924
IPC: * H04J-004/00
Derwent WPI Acc No: * G 93-305235
Language of Document: English
Patent (No,Kind,Date): CA 2113842 AA 19940722
RECORDING AND REPRODUCING APPARATUS (English; French)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP);
TANAKA MITIRO (JP); TAN SATOSHI (JP)
Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
93297504 A 19931102; JP 93314114 A 19931119
Applic (No,Kind,Date): CA 2113842 A 19940119
IPC: * G11B-007/24; G11B-007/125; G11B-005/10
Derwent WPI Acc No: * G 93-313529
Language of Document: English
Patent (No,Kind,Date): CA 2113877 AA 19940722
INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
(English; French)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP);
USHIGOME HISASHI (JP)
Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
93297504 A 19931102; JP 93314114 A 19931119
Applic (No,Kind,Date): CA 2113877 A 19940120
IPC: * G11B-007/24; G11B-007/26
Derwent WPI Acc No: * G 93-313529
Language of Document: English
Patent (No,Kind,Date): CA 2119983 AA 19940926
COMMUNICATION SYSTEM (English; French)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
Applic (No,Kind,Date): CA 2119983 A 19940325
IPC: * H04N-007/12
Derwent WPI Acc No: * G 94-103292
Language of Document: English
Patent (No,Kind,Date): CA 2226398 AA 19940722
INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
(English; French)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): USHIGOME HISASHI (JP); KOMODA HIDEAKI (JP);
OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): CA 2113877 A3 19940120; JP 938596 A
19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A
19931119
Applic (No,Kind,Date): CA 2226398 A 19940120
IPC: * G11B-007/00; G11B-007/28
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
95-116722; G 95-341616; G 96-062972; G 98-181451
Language of Document: English

TAIWAN (TW)

Patent (No,Kind,Date): TW 462039 B 20011101
Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 93205682 A 19930727; WO 94JP2304 W
19941228
Applic (No,Kind,Date): TW 86102384 A 19950126
IPC: * G11B-019/02
Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
95-246541; G 95-341616; G 96-062972; G 98-181451; G 01-018026

CHINA (CN)

Patent (No,Kind,Date): CN 1066946 A 19921209
DIGITAL COMMUNICATION SYSTEM (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): MITSUAKI OSHIMA (JP)
Priority (No,Kind,Date): JP 9162798 A 19910327; JP 91182236 A
19910723
Applic (No,Kind,Date): CN 92102955 A 19920327
IPC: * H04B-001/00; H04N-007/13
Derwent WPI Acc No: * G 92-325674
Language of Document: Chinese
Patent (No,Kind,Date): CN 1075024 A 19930804
RECORDING/REPRODUCING EQUIPMENT (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9213809 A 19920129; JP 92280874 A
19920925
Applic (No,Kind,Date): CN 93100918 A 19930128
IPC: * G11B-011/00
Derwent WPI Acc No: * G 93-251292; G 93-313529
Language of Document: Chinese
Patent (No,Kind,Date): CN 1076816 A 19930929
SYSTEM OF COMMUNICATION (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): TAISHIMA MITSUTERU (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92246070 A
19920925
Applic (No,Kind,Date): CN 93102721 A 19930325
IPC: * H04B-007/00; H04N-007/12; H04N-011/00
Derwent WPI Acc No: * G 93-305235
Language of Document: Chinese
Patent (No,Kind,Date): CN 1085680 A 19940420
RECORD REPLAYING APPARATUS (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TANAKA MICHIO (JP);
 SHIMIZU RYOSUKE (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9268031 A
 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP
 92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A
 19921211
 Applic (No,Kind,Date): CN 93105219 A 19930326
 IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
 94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
 180618P000070
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1096389 A 19941214
 RECORDING AND REPRODUCING APPTS. (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
 TOSHIKAZU (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 93314114 A
 19931119
 Applic (No,Kind,Date): CN 94101055 A 19940121
 IPC: * G11B-011/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 94-250560
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1098810 A 19950215
 APPARATUS FOR REGENERATION OF RECORDING AND RECORDING MEDIUM AND
 MANUFACTURE OF SAME (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP);
 USHIGOME HISASHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 93314114 A
 19931119
 Applic (No,Kind,Date): CN 94101336 A 19940121
 IPC: * G11B-007/24; G11B-011/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 94-250560; G 95-116722
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1099544 A 19950301
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93261612 A
 19930924
 Applic (No,Kind,Date): CN 94103352 A 19940325
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1119895 A 19960403
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
 REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
 DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93335165 A 19931228; JP 94299508 A
 19941202
 Applic (No,Kind,Date): CN 94191566 A 19941228
 Derwent WPI Acc No: * G 95-246541
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1127049 A 19960717
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
 INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): JP 94104879 A 19940418; JP 94283415 A
 19941117

Applic (No,Kind,Date): CN 95190313 A 19950418
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
 ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
 96-268785
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1138915 A 19961225
 MARKING GENERATING APPTS., METHOD OF FORMING LASER MARKING ON OPTICAL
 DISK, REPRODUCING APPTS., OPTICAL DISK AND OPTICAL DISK PRODUCING
 METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC INDUTRIAL (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHO GOTOH (JP)
 Priority (No,Kind,Date): JP 94283415 A 19941117; JP 9516153 A
 19950202
 Applic (No,Kind,Date): CN 95191218 A 19951116
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1166223 A 19971126
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL PRODUCING DEVICE, ENCRYPTED
 COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIO GOTOH (JP); SHINICHI
 TANAKA (JP)
 Priority (No,Kind,Date): JP 96211304 A 19960809; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): CN 96191182 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1173942 A 19980218
 OPTICAL DISK, OPTICAL REOCORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
 COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHHO GOTOH (JP);
 SHINICHI TANAKA (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): CN 96191826 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1250278 A 20000412
 TELECOMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUTERU DAIJIMA (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
 19930510; JP 93261612 A 19930924
 Applic (No,Kind,Date): CN 99108470 A 19990616
 IPC: * H04J-001/00; H04L-027/00; H04N-011/24
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1305310 A 20010725
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OTORI (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
 19930510; JP 93261612 A 19930924
 Applic (No,Kind,Date): CN 2000133827 A 20001030
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
 00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
 01-063440; G 01-063441
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1305311 A 20010725
 COMMUNICATION SYSTEM (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OTORI (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924
 Applic (No,Kind,Date): CN 2000133828 A 20001030
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G 00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1305312 A 20010725
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OTORI (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924
 Applic (No,Kind,Date): CN 2000133829 A 20001030
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G 00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1305313 A 20010725
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OTORI (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924
 Applic (No,Kind,Date): CN 2000133830 A 20001030
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G 00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1342979 A 20020403
 RECORDING DEVICE, RECORDING MEDIUM AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MATSUAKI OSHIMA (JP); YOSHIMINORU GOTO (JP)
 Priority (No,Kind,Date): JP 94104879 A 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP 9515318 A 19950201; JP 9516865 A 19950203
 Applic (No,Kind,Date): CN 2001123049 A 20010720
 IPC: * G11B-020/10; G11B-019/02; G11B-013/04
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 96-268785; G 01-018026
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1032099 B 19960619
 SYSTEM OF COMMUNICATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): TAISHIMA MITSUTERU (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): CN 93102721 A 19930325
 IPC: * H04B-007/00; H04N-007/12; H04N-011/00
 Derwent WPI Acc No: * G 93-305235; G 94-103292
 JAPIO Reference No: * 180486E000144
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1036952 B 19980107
 RECORD REPLAYING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); MICHIO TANAKA (JP); RYOSUKE SHIMIZU (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A 19921211
 Applic (No,Kind,Date): CN 93105219 A 19930326
 IPC: * G11B-013/04

Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
94-242360; G 95-341616; G 96-062972; G 98-181451
JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
180618P000070

Language of Document: Chinese

Patent (No,Kind,Date): CN 1045036 B 19990908

TRANSMISSION APPARATUS (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): MITSUAKI OSHIMA (JP)

Priority (No,Kind,Date): JP 9162798 A 19910327; JP 91182236 A
19910723; JP 91155650 A 19910529; JP 9195813 A 19910425

Applic (No,Kind,Date): CN 92102955 A 19920327

IPC: * H04B-001/00; H04N-007/13

Derwent WPI Acc No: * G 92-325674; G 97-195354

JAPIO Reference No: * 180152E000002

Language of Document: Chinese

GERMANY (DE)

Patent (No,Kind,Date): DE 69223541 C0 19980129

SIGNALUEBERTRAGUNGSSYSTEM (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
9260739 A 19920317

Applic (No,Kind,Date): DE 69223541 A 19920326

IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354

JAPIO Reference No: * 180152E000002

Language of Document: German

Patent (No,Kind,Date): DE 69232523 C0 20020502

SIGNALUEBERTRAGUNGSSYSTEM (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
9260739 A 19920317

Applic (No,Kind,Date): DE 69232523 A 19920326

IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G

00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
00-184730; G 00-184731

JAPIO Reference No: * 180152E000002

Language of Document: German

Patent (No,Kind,Date): DE 69232526 C0 20020502

SIGNALUEBERTRAGUNGSSYSTEM (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
9260739 A 19920317

Applic (No,Kind,Date): DE 69232526 A 19920326

IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G

00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
00-184730; G 00-184731

JAPIO Reference No: * 180152E000002

Language of Document: German

Patent (No,Kind,Date): DE 69232527 C0 20020502

SIGNALUEBERTRAGUNGSSYSTEM (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
9260739 A 19920317

Applic (No,Kind,Date): DE 69232527 A 19920326

IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G

00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: German
 Patent (No,Kind,Date): DE 69232529 C0 20020502
 SIGNALUEBERTRAGUNGSSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
 9260739 A 19920317
 Applic (No,Kind,Date): DE 69232529 A 19920326
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: German
 Patent (No,Kind,Date): DE 69232530 C0 20020502
 SIGNALUEBERTRAGUNGSSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
 9260739 A 19920317
 Applic (No,Kind,Date): DE 69232530 A 19920326
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: German
 Patent (No,Kind,Date): DE 69330665 C0 20011004
 MEHRFACHAUFLÖSUNGSUEBERTRAGUNGSSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 92256070 A 19920925; JP 9366461 A
 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): DE 69330665 A 19930924
 IPC: * H04L-001/00; H04L-027/18
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): DE 69331667 C0 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN BEI VERWENDUNG VON
 MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
 19920925
 Applic (No,Kind,Date): DE 69331667 A 19930326
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): DE 69331668 C0 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN SOWIE FEHLERKORRIGIERENDE
 KODIERUNG BEI MEHRTRAEGERMODULATION (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): DE 69331668 A 19930326
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): DE 69331669 C0 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN, INSBESONDERE MIT MEHRTRAEGERSIGNALLEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): DE 69331669 A 19930326
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): DE 69331670 C0 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN UND FEHLERKORRIEGIERENDE KODIERUNG MIT MEHRTRAEGERSIGNALLEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): DE 69331670 A 19930326
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): DE 69331671 C0 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN BEI MEHRTRAEGERSIGNALLEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): DE 69331671 A 19930326
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
 Patent (No,Kind,Date): DE 69331853 C0 20020529
 UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN SOWIE FEHLERKORRIGIERENDE KODIERUNG, BEI MEHRTRAEGERSIGNALLEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): DE 69331853 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): DE 69331854 C0 20020529
UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN SOWIE FEHLERKORRIGIERENDE
KODIERUNG, BEI MEHRTRAEGERSIGNALLEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): DE 69331854 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): DE 69331855 C0 20020529
UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN, INSBESONDERE MIT
MEHRTRAEGERSIGNALLEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): DE 69331855 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): DE 69331856 C0 20020529
UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN SOWIE FEHLERKORRIGIERENDE
KODIERUNG, BEI MEHRTRAEGERMODULATION (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): DE 69331856 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): DE 69331857 C0 20020529
UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN, INSBESONDERE BEI
MEHRTRAEGERSIGNALLEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): DE 69331857 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): DE 69331858 C0 20020529
UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN BEI MEHRTRAEGERSIGNALEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): DE 69331858 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): DE 69331859 C0 20020529
UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN SOWIE FEHLERKORRIGIERENDE
KODIERUNG, BEI MEHRTRAEGERSIGNALEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): DE 69331859 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): DE 69331860 C0 20020529
UEBERTRAGUNG MIT MEHREREN AUFLÖSUNGEN BEI MEHRTRAEGERSIGNALEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): DE 69331860 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No,Kind,Date): DE 69426795 C0 20010412
AUFZEICHNUNGS- UND WIEDERGABEGERAET (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 93205682 A 19930727; JP 94104879 A
19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
93314114 A 19931119
Applic (No,Kind,Date): DE 69426795 A 19940727
IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
; G11B-023/28
Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
01-018026
Language of Document: German
Patent (No,Kind,Date): DE 69523139 C0 20011115

GERAET ZUR ERZEUGUNG EINER MARKIERUNG, VERFAHREN ZUR ERZEUGUNG EINER
LASERMARKIERUNG AUF EINER OPTISCHEN PLATTE, OPTISCHE PLATTE UND
VERFAHREN ZU DEREN HERSTELLUNG (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)

Priority (No,Kind,Date): JP 94283415 A 19941117; JP 9516153 A
19950202; JP 95261247 A 19951009; WO 95JP2339 W 19951116

Applic (No,Kind,Date): DE 69523139 A 19951116

IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
; G11B-007/09; G11B-020/00; G06F-001/00

Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
97-236119

Language of Document: German

Patent (No,Kind,Date): DE 69610859 C0 20001207

OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)

Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123

Applic (No,Kind,Date): DE 69610859 A 19960515

IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: German

Patent (No,Kind,Date): DE 69610860 C0 20001207

OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICKODES TRAEGT
(German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)

Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123

Applic (No,Kind,Date): DE 69610860 A 19960515

IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: German

Patent (No,Kind,Date): DE 69610861 C0 20001207

OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)

Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123

Applic (No,Kind,Date): DE 69610861 A 19960515

IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: German

Patent (No,Kind,Date): DE 69611906 C0 20010405

OPTISCHE PLATTE MIT STRICKCODE (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)

Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123; WO 96JP1303 W 19960515

Applic (No,Kind,Date): DE 69611906 A 19960515

IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10;
G11B-020/00; G06F-001/00

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: German

Patent (No,Kind,Date): DE 69613010 C0 20010628

OPTISCHES AUFZEICHNUNGSGERAET (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
YOSHINARI (JP)

Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): DE 69613010 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69613011 C0 20010628
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): DE 69613011 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69613156 C0 20010705
 OPTISCHES WIEDERGABEGERAET ZUR WIEDERGABE VERSCHLUESSELTER
 INFORMATIONEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): DE 69613156 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69614580 C0 20010920
 WIEDERGABEGERAET FUER OPTISCHE PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): DE 69614580 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69614823 C0 20011004
 AUFZEICHNUNGSGERAET FUER OPTISCHE PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809; WO 96JP2924 W 19961008
 Applic (No,Kind,Date): DE 69614823 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69615418 C0 20011025
 OPTISCHE PLATTE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): DE 69615418 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38

; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69617478 C0 20020110
OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): DE 69617478 A 19960515
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69618633 C0 20020221
OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): DE 69618633 A 19960515
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69618672 C0 20020228
OPTISCHE PLATTE ZUR ANWENDUNG IN EINEM VERSCHLUESSEL- ODER PROGRAMMLIZENZSYSTEM (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): DE 69618672 A 19961008
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69620919 C0 20020529
OPTISCHES AUFZEICHNUNGSGERAET UND AUFZEICHNUNGSVERFAHREN MIT VERSCHLUESSELUNG (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): DE 69620919 A 19961008
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69621053 C0 20020606
OPTISCHE PLATTE ZUR ANWENDUNG IN EINEM VERSCHLUESSEL- ODER PROGRAMMLIZENZSYSTEM (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): DE 69621053 A 19961008
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: German
 Patent (No,Kind,Date): DE 69621357 C0 20020627
 OPTISCHES WIEDERGABEGERAET ZUR WIEDERGABE VERSCHLUESSELTER
 INFORMATIONEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): DE 69621357 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69223541 T2 19980409
 SIGNALUEBERTRAGUNGSSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
 9260739 A 19920317
 Applic (No,Kind,Date): DE 69223541 A 19920326
 IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: German
 Patent (No,Kind,Date): DE 69426795 T2 20011108
 AUFZEICHNUNGS- UND WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93205682 A 19930727; JP 94104879 A
 19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
 93314114 A 19931119
 Applic (No,Kind,Date): DE 69426795 A 19940727
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
 ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
 01-018026
 Language of Document: German
 Patent (No,Kind,Date): DE 69523139 T2 20020131
 GERAET ZUR ERZEUGUNG EINER MARKIERUNG, VERFAHREN ZUR ERZEUGUNG EINER
 LASERMARKIERUNG AUF EINER OPTISCHEN PLATTE, OPTISCHE PLATTE UND
 VERFAHREN ZU DEREN HERSTELLUNG (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): JP 94283415 A 19941117; JP 9516153 A
 19950202; JP 95261247 A 19951009; WO 95JP2339 W 19951116
 Applic (No,Kind,Date): DE 69523139 A 19951116
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
 ; G11B-007/09; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69610859 T2 20010315
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): DE 69610859 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69610860 T2 20010315

OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICKODES TRAEGT
(German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): DE 69610860 A 19960515
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69610861 T2 20010315
OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): DE 69610861 A 19960515
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69611906 T2 20010621
OPTISCHE PLATTE MIT STRICKODE (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; WO 96JP1303 W 19960515
Applic (No,Kind,Date): DE 69611906 A 19960515
IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10; G11B-020/00; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69613010 T2 20011115
OPTISCHES AUFZEICHNUNGSGERAET (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): DE 69613010 A 19961008
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69613011 T2 20011115
OPTISCHES AUFZEICHNUNGSGERAET (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): DE 69613011 A 19961008
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69613156 T2 20011025
OPTISCHES WIEDERGABEGERAET ZUR WIEDERGABE VERSCHLUESSELTER INFORMATIONEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA

YOSHINARI (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): DE 69613156 A 19961008
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69614580 T2 20020411
WIEDERGABEGERAET FUER OPTISCHE PLATTEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123
Applic (No,Kind,Date): DE 69614580 A 19960515
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69614823 T2 20020411
AUFZEICHNUNGSGERAET FUER OPTISCHE PLATTEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
YOSHINARI (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123; JP 96211304 A 19960809; WO 96JP2924 W 19961008
Applic (No,Kind,Date): DE 69614823 A 19961008
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69615418 T2 20020606
OPTISCHE PLATTE UND OPTISCHES WIEDERGABEGERAET (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123
Applic (No,Kind,Date): DE 69615418 A 19960515
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69617478 T2 20020508
OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123
Applic (No,Kind,Date): DE 69617478 A 19960515
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German
Patent (No,Kind,Date): DE 69618633 T2 20020508
OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123
Applic (No,Kind,Date): DE 69618633 A 19960515
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: German

GERMANY (DE)

Legal Status (No, Type, Date, Code, Text):

DE 69223541	P	19980129	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 506400	P 19980129		
DE 69223541	P	19980409	DE 8373	TRANSLATION OF PATENT	
				DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND	
				HAS BEEN PUBLISHED (UEBERSETZUNG DER	
				PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST	
				EINGEGANGEN UND VERÖFFENTLICHT WORDEN)	
DE 69223541	P	19990121	DE 8364	NO OPPOSITION DURING TERM OF	
				OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE	
				DASS EINSPRUCH ERHOBEN WURDE)	
DE 69232523	P	20020502	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 766478	P 20020502		
DE 69232526	P	20020502	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 975168	P 20020502		
DE 69232527	P	20020502	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 975171	P 20020502		
DE 69232529	P	20020502	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 975172	P 20020502		
DE 69232530	P	20020502	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 975173	P 20020502		
DE 69330665	P	20011004	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 589709	P 20011004		
DE 69330665	P	20020328	DE 8332	NO LEGAL EFFECT FOR DE	
				(WIRKUNG FUER DE NICHT EINGETRETEN)	
DE 69331667	P	20020411	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1039675	P 20020411		
DE 69331668	P	20020411	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1039680	P 20020411		
DE 69331669	P	20020411	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1039682	P 20020411		
DE 69331670	P	20020411	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1045541	P 20020411		
DE 69331671	P	20020411	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1049284	P 20020411		
DE 69331853	P	20020529	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1039673	P 20020529		
DE 69331854	P	20020529	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1039674	P 20020529		
DE 69331855	P	20020529	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1039676	P 20020529		
DE 69331856	P	20020529	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1039677	P 20020529		
DE 69331857	P	20020529	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1039678	P 20020529		
DE 69331858	P	20020529	DE REF	CORRESPONDS TO	(ENTSPRICHT)
		EP 1039679	P 20020529		
DE 69331859	P	20020529	DE REF	CORRESPONDS TO	(ENTSPRICHT)

DE 69331860	P	EP 1039681 P 20020529 20020529 DE REF	CORRESPONDS TO (ENTSPRICHT)
DE 69426795	P	EP 1049283 P 20020529 20010412 DE REF	CORRESPONDS TO (ENTSPRICHT)
DE 69426795	P	EP 637016 P 20010412 20011108 DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69426795	P	20020404 DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN WURDE)
DE 69523139	P	20011115 DE REF	CORRESPONDS TO (ENTSPRICHT)
DE 69523139	P	EP 741382 P 20011115 20020131 DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69610859	P	20001207 DE REF	CORRESPONDS TO (ENTSPRICHT)
DE 69610859	P	EP 1003162 P 20001207 20010315 DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69610860	P	20001207 DE REF	CORRESPONDS TO (ENTSPRICHT)
DE 69610860	P	EP 1005034 P 20001207 20010315 DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69610861	P	20001207 DE REF	CORRESPONDS TO (ENTSPRICHT)
DE 69610861	P	EP 1005035 P 20001207 20010315 DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69611906	P	20010405 DE REF	CORRESPONDS TO (ENTSPRICHT)
DE 69611906	P	EP 807929 P 20010405 20010621 DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69611906	P	20020328 DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN WURDE)
DE 69613010	P	20010628 DE REF	CORRESPONDS TO (ENTSPRICHT)
DE 69613010	P	EP 1005026 P 20010628 20011115 DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69613010	P	20020627 DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE

DE 69613011	P	20010628	DE REF	DASS EINSPRUCH ERHOHEN WURDE)	CORRESPONDS TO (ENTSPRICHT)
DE 69613011	P	20011115	DE 8373	EP 1005027 P 20010628 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)	
DE 69613011	P	20020627	DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOHEN WURDE)	
DE 69613156	P	20010705	DE REF	CORRESPONDS TO (ENTSPRICHT)	
DE 69613156	P	20011025	DE 8373	EP 1005024 P 20010705 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)	
DE 69613156	P	20020627	DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOHEN WURDE)	
DE 69614580	P	20010920	DE REF	CORRESPONDS TO (ENTSPRICHT)	
DE 69614580	P	20020411	DE 8373	EP 1031974 P 20010920 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)	
DE 69614823	P	20011004	DE REF	CORRESPONDS TO (ENTSPRICHT)	
DE 69614823	P	20020411	DE 8373	EP 802527 P 20011004 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)	
DE 69615418	P	20011025	DE REF	CORRESPONDS TO (ENTSPRICHT)	
DE 69615418	P	20020606	DE 8373	EP 1005033 P 20011025 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)	
DE 69617478	P	20020110	DE REF	CORRESPONDS TO (ENTSPRICHT)	
DE 69617478	P	20020508	DE 8373	EP 1006517 P 20020110 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)	
DE 69618633	P	20020221	DE REF	CORRESPONDS TO (ENTSPRICHT)	
DE 69618633	P	20020508	DE 8373	EP 1006516 P 20020221 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)	
DE 69618672	P	20020228	DE REF	CORRESPONDS TO (ENTSPRICHT)	
DE 69620919	P	20020529	DE REF	EP 1005025 P 20020228 CORRESPONDS TO (ENTSPRICHT)	

EP 1005028 P 20020529
DE 69621053 P 20020606 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 1024478 P 20020606
DE 69621357 P 20020627 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 1005023 P 20020627

DENMARK (DK)

Patent (No,Kind,Date): DK 1039675 T3 20020624
MULTIOPLOESNINGSTRANSMISSION OG FEJLKORREKTIONSODNING MED
MULTIBAEREBOELGEMODULATION (Danish)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): DK 9393302369 L 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): DK 114692 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144

Language of Document: Danish

Patent (No,Kind,Date): DK 1039680 T3 20020624
MULTIOPLOESNINGSTRANSMISSION OG FEJLKORREKTIONSODNING MED
MULTIBAEREBOELGEMODULATION (Danish)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): DK 9393302369 L 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): DK 114699 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144

Language of Document: Danish

Patent (No,Kind,Date): DK 1039682 T3 20020624
MULTIOPLOESNINGSTRANSMISSION OG FEJLKORREKTIONSODNING MED
MULTIBAEREBOELGEMODULATION (Danish)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): DK 9393302369 L 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): DK 114702 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144

Language of Document: Danish

Patent (No,Kind,Date): DK 1045541 T3 20020624
MULTIOPLOESNINGSTRANSMISSION OG FEJLKORREKTIONSODNING MED
MULTIBAEREBOELGEMODULATION (Danish)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): DK 9393302369 L 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): DK 114700 A 19930326

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: Danish
Patent (No,Kind,Date): DK 1049284 T3 20020624
MULTIOPLOESNINGSTRANSMISSION OG FEJLKORREKTIONS KODNING MED
MULTIBAEREBOELGEMODULATION (Danish)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): DK 9393302369 L 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): DK 114695 A 19930326
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: Danish

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 562875 A1 19930929
MULTIRESOLUTION QAM SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): EP 93302369 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/34; H04N-007/13
Derwent WPI Acc No: ; G 93-305235
Language of Document: English
Patent (No,Kind,Date): EP 617531 A1 19940928
MULTIRESOLUTION TRANSMISSION SYSTEM. (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
19930510; JP 93261612 A 19930924
Applic (No,Kind,Date): EP 94302149 A 19940324
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/34; H04L-005/06; H04L-027/18; H04N-007/13
Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
01-063440; G 01-063441; G 94-311606
Language of Document: English
Patent (No,Kind,Date): EP 689200 A1 19951227
OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): WO 94JP2304 W 19941228; JP 93335165 A
19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
94156089 A 19940707; JP 94299508 A 19941202
Applic (No,Kind,Date): EP 95904033 A 19941228
Designated States: (National) DE; FR; GB; IT
IPC: * G11B-007/007; G11B-020/12; G11B-013/04; G11B-007/00;
G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10

Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 01-018026
Language of Document: English
Patent (No,Kind,Date): EP 706174 A1 19960410
METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
Priority (No,Kind,Date): WO 95JP760 W 19950418; JP 94104879 A 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP 9515318 A 19950201; JP 9516865 A 19950203
Applic (No,Kind,Date): EP 95915345 A 19950418
Designated States: (National) DE; FR; GB; NL
IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06 ; G11B-007/09
Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 96-268785; G 01-018026
Language of Document: English
Patent (No,Kind,Date): EP 741382 A1 19961106
MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK PRODUCING METHOD (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
Priority (No,Kind,Date): WO 95JP2339 W 19951116; JP 94283415 A 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
Applic (No,Kind,Date): EP 95938017 A 19951116
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 802527 A1 19971022
OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): WO 96JP2924 W 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): EP 96932845 A 19961008
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 807929 A1 19971119
OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): WO 96JP1303 W 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 96915172 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 971345 A1 20000112
OPTICAL DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK

RECORDING DEVICE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA M (JP); KONISHI SHINICHI (JP); TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP); MURAKAMI MOTOYOSHI (JP)
 Priority (No,Kind,Date): WO 97JP4664 W 19971217; JP 96339304 A 19961219; JP 979318 A 19970122; JP 97259110 A 19970924
 Applic (No,Kind,Date): EP 97949124 A 19971217
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * G11B-011/10; G11B-007/00; G06F-012/14
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
 Patent (No,Kind,Date): EP 973335 A1 20000119
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 99119278 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 00-108239
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975168 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 99119266 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 00-184726
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975169 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 99121006 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 00-184727
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975170 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A

19920317

Applic (No,Kind,Date): EP 99121007 A 19920326

Designated States: (National) DE; FR; GB; NL

IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 00-184728

JAPIO Reference No: * 180152E000002

Language of Document: English

Patent (No,Kind,Date): EP 975171 A1 20000126

SIGNAL TRANSMISSION SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A

19920317

Applic (No,Kind,Date): EP 99121008 A 19920326

Designated States: (National) DE; FR; GB; NL

IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 00-118426

JAPIO Reference No: * 180152E000002

Language of Document: English

Patent (No,Kind,Date): EP 975172 A1 20000126

SIGNAL TRANSMISSION SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A

19920317

Applic (No,Kind,Date): EP 99121024 A 19920326

Designated States: (National) DE; FR; GB; NL

IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 00-184729

JAPIO Reference No: * 180152E000002

Language of Document: English

Patent (No,Kind,Date): EP 975173 A1 20000126

SIGNAL TRANSMISSION SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A

19920317

Applic (No,Kind,Date): EP 99121025 A 19920326

Designated States: (National) DE; FR; GB; NL

IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 00-184730

JAPIO Reference No: * 180152E000002

Language of Document: English

Patent (No,Kind,Date): EP 975174 A1 20000126

SIGNAL TRANSMISSION SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A

19920317

Applic (No,Kind,Date): EP 99121026 A 19920326

Designated States: (National) DE; FR; GB; NL

IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 00-184731

JAPIO Reference No: * 180152E000002

Language of Document: English

Patent (No,Kind,Date): EP 1003162 A1 20000524

AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)

Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123

Applic (No,Kind,Date): EP 2000103257 A 19960515

Designated States: (National) DE; FR; GB

IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: English

Patent (No,Kind,Date): EP 1005023 A1 20000531

OPTICAL REPRODUCING DEVICE FOR THE REPRODUCTION OF ENCRYPTED INFORMATION (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)

Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809

Applic (No,Kind,Date): EP 2000102965 A 19961008

Designated States: (National) DE; FR; GB

IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00; G06F-001/00; G11B-019/12

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: English

Patent (No,Kind,Date): EP 1005024 A1 20000531

OPTICAL REPRODUCING DEVICE FOR THE REPRODUCTION OF ENCRYPTED INFORMATION (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)

Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809

Applic (No,Kind,Date): EP 2000102966 A 19961008

Designated States: (National) DE; FR; GB

IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00; G06F-001/00; G11B-019/12

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: English

Patent (No,Kind,Date): EP 1005025 A1 20000531

OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)

Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809

Applic (No,Kind,Date): EP 2000102967 A 19961008

Designated States: (National) DE; FR; GB

IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00; G06F-001/00; G11B-019/12

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: English

Patent (No,Kind,Date): EP 1005026 A1 20000531

OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): EP 2000102968 A 19961008
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1005027 A1 20000531
OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): EP 2000102969 A 19961008
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1005028 A1 20000531
OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): EP 2000102971 A 19961008
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1005033 A1 20000531
AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000101774 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1005034 A1 20000531
AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000101775 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English

Patent (No,Kind,Date): EP 1005035 A1 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000104818 A 19960515
 Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
 IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English

Patent (No,Kind,Date): EP 1006516 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000105014 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English

Patent (No,Kind,Date): EP 1006517 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000106447 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English

Patent (No,Kind,Date): EP 1024478 A1 20000802
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
 (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102970 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English

Patent (No,Kind,Date): EP 1028422 A1 20000816
 AN OPTICAL DISK, AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); KOISHI KENJI (JP); OSHIMA
 MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000109898 A 19960515
 Designated States: (National) DE; FR; GB

IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1028423 A1 20000816
AN OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
MANUFACTURING AN OPTICAL DISK (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); KOISHI KENJI (JP); OSHIMA
MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000109899 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1030297 A1 20000823
AN OPTICAL DISK AND AN OPTICAL DISK RECORDING METHOD (English; French;
German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000110461 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1031974 A1 20000830
AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000112310 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1049334 A1 20001102
SIGNAL TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3
19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
19920317
Applic (No,Kind,Date): EP 2000114691 A 19920326
Designated States: (National) DE; FR; GB; NL
IPC: * H04N-007/24; H04L-027/34; H04N-007/04
Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
00-184730; G 00-184731
JAPIO Reference No: * 180152E000002
Language of Document: English
Patent (No,Kind,Date): EP 1168328 A1 20020102
OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA

SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)

Priority (No,Kind,Date): EP 2000102970 A3 19961008; EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809

Applic (No,Kind,Date): EP 2001120681 A 19961008

Designated States: (National) DE; FR; GB

IPC: * G11B-020/00; G06F-001/00; G11B-019/12

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: English

Patent (No,Kind,Date): EP 506400 A2 19920930

SIGNAL TRANSMISSION SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)

Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317

Applic (No,Kind,Date): EP 92302627 A 19920326

Designated States: (National) DE; FR; GB; NL

IPC: * H04N-007/13; H04N-007/04

Derwent WPI Acc No: ; G 92-325674

Language of Document: English

Patent (No,Kind,Date): EP 555031 A2 19930811

RECORDING AND REPRODUCING APPARATUS (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9213809 A 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925

Applic (No,Kind,Date): EP 93300695 A 19930129

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * G11B-013/00; G11B-011/10; G11B-013/04

Derwent WPI Acc No: ; G 93-251292

Language of Document: English

Patent (No,Kind,Date): EP 564187 A2 19931006

RECORDING AND REPRODUCING APPARATUS (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); TANAKA MICHIO (JP); SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)

Priority (No,Kind,Date): JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A 19921211; JP 938596 A 19930121

Applic (No,Kind,Date): EP 93302365 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04

Derwent WPI Acc No: ; G 93-313529

Language of Document: English

Patent (No,Kind,Date): EP 589709 A2 19940330

MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): EP 93307575 A 19930924

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18

Derwent WPI Acc No: * G 93-305235

Language of Document: English

Patent (No,Kind,Date): EP 608126 A2 19940727

INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP);

USHIGOME HISASHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G 94-236841
 Language of Document: English
 Patent (No,Kind,Date): EP 609013 A2 19940803
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP); TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G 94-242360
 Language of Document: English
 Patent (No,Kind,Date): EP 609617 A2 19940810
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO MAKOTO (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 93205682 A 19930727; JP 92321063 A 19921201
 Applic (No,Kind,Date): EP 93309619 A 19931201
 Designated States: (National) BE; DE; FR; GB; NL
 IPC: * G06F-001/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 637016 A2 19950201
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93205682 A 19930727; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94305557 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026; G 95-116722
 Language of Document: English
 Patent (No,Kind,Date): EP 766478 A2 19970402
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 96119060 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 97-195354

JAPIO Reference No: * 180152E000002

Language of Document: English

Patent (No,Kind,Date): EP 833319 A2 19980401

DISC-SHAPED RECORDING MEDIUM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP); TANAKA MITIRO (JP); TAN SATOSHI (JP)

Priority (No,Kind,Date): EP 94300402 A3 19940119; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119

Applic (No,Kind,Date): EP 97118775 A 19940119

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * G11B-013/04

Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G 98-181451

Language of Document: English

Patent (No,Kind,Date): EP 844611 A2 19980527

OPTICAL DISK (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP); USHIGOME HISASHI (JP)

Priority (No,Kind,Date): EP 94300403 A3 19940119; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119

Applic (No,Kind,Date): EP 98100524 A 19940119

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * G11B-020/00; G11B-013/04; G11B-007/007; G11B-007/24

Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026

Language of Document: English

Patent (No,Kind,Date): EP 844612 A2 19980527

APPARATUS FOR REPRODUCING INFORMATION FROM AN OPTICAL DISC (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP); USHIGOME HISASHI (JP)

Priority (No,Kind,Date): EP 94300403 A3 19940119; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119

Applic (No,Kind,Date): EP 98100525 A 19940119

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * G11B-020/00; G11B-013/04; G11B-007/24; G11B-007/007

Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026

Language of Document: English

Patent (No,Kind,Date): EP 1035693 A2 20000913

MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): EP 2000114572 A 19930924

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 00-595507

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1035694 A2 20000913

MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): EP 2000114573 A 19930924

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-005/44

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063437

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1035695 A2 20000913

MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): EP 2000114575 A 19930924

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063438

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1035696 A2 20000913

MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): EP 2000114577 A 19930924

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-027/02; H04L-027/34; H04L-027/26; H04L-027/18; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063439

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1035697 A2 20000913

MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): EP 2000114578 A 19930924

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;

IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/34; H04L-027/18; H04L-027/26; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063440
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035698 A2 20000913
MUTLIREOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114579 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/34; H04L-027/26; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063441
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039672 A2 20000927
MULTIREOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114576 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 00-589072
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039673 A2 20000927
MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114689 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566; G 00-589073
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039674 A2 20000927
MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114690 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 00-589074
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039675 A2 20000927
 MULTIREOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114692 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 00-589075
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039676 A2 20000927
 MULTIREOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114694 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 00-589076
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039677 A2 20000927
 MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114696 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;

G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566; G 00-589077
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039678 A2 20000927
 MULTIREOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
 (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114697 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566; G 00-580985
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039679 A2 20000927
 MULTIREOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114698 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566; G 00-589078
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039680 A2 20000927
 MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
 MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114699 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566; G 00-580986
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039681 A2 20000927
 MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH
 MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): EP 2000114701 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566; G 00-580987
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039682 A2 20000927
 MULTIREOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
 (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114702 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566; G 00-580988
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1045541 A2 20001018
 MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
 MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114700 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1049282 A2 20001102
 MULTIREOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
 German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): EP 2000114574 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English

Patent (No,Kind,Date): EP 1049283 A2 20001102
 MULTIREOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114693 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English

Patent (No,Kind,Date): EP 1049284 A2 20001102
 MULTIREOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114695 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English

Patent (No,Kind,Date): EP 1050879 A2 20001108
 RECORDING AND REPRODUCING APPARATUS WITH MEANS FOR ENCRYPTION OF
 INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 94305557 A3 19940727; JP 93205682 A
 19930727; JP 94104879 A 19940418; JP 94156089 A 19940707; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 2000115017 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-020/00; G06F-001/00; G11B-007/00; G11B-013/04; G11B-019/02
 ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
 01-018026; G 01-018026
 Language of Document: English

Patent (No,Kind,Date): EP 1120777 A2 20010801
 OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): EP 95938017 A3 19951116; JP 94283415 A
 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No,Kind,Date): EP 2001108949 A 19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/12; G11B-027/10; G11B-020/00;
 G11B-007/007; G11B-007/26; G11B-019/02; G11B-019/12; G11B-011/105;
 G11B-023/28; G11B-013/04; G11B-027/30
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
 97-236119
 Language of Document: English

Patent (No,Kind,Date): EP 1154608 A2 20011114
 MULTIREOLUTION RECEIVER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2001118510 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/26
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English

Patent (No,Kind,Date): EP 506400 A3 19930526
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
 Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 92302627 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/13; H04N-007/04
 Derwent WPI Acc No: * G 92-325674
 Language of Document: English

Patent (No,Kind,Date): EP 555031 A3 19951115
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9213809 A 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925
 Applic (No,Kind,Date): EP 93300695 A 19930129
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063; 180522P000136; 180618P000070
 Language of Document: English

Patent (No,Kind,Date): EP 564187 A3 19951206
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TANAKA MICHIO (JP); SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A 19921211
 Applic (No,Kind,Date): EP 93302365 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G 94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136; 180618P000070
 Language of Document: English

Patent (No,Kind,Date): EP 589709 A3 19940928
 MULTIREOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (DE); MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A 19930510; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 93307575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 608126 A3 19951129
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP); USHIGOME HISASHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 609013 A3 19951129
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP); TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 609617 A3 19961211
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO MAKOTO (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 93205682 A 19930727; JP 92321063 A 19921201
 Applic (No,Kind,Date): EP 93309619 A 19931201
 Designated States: (National) BE; DE; FR; GB; NL
 IPC: * G06F-001/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 637016 A3 19950830
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93205682 A 19930727; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94305557 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL

IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
; G11B-023/28
Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
01-018026
Language of Document: English
Patent (No,Kind,Date): EP 766478 A3 20000119
SIGNAL TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 92302627 A3 19920326; JP 9162798 A
19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
91182236 A 19910723; JP 9260739 A 19920317
Applic (No,Kind,Date): EP 96119060 A 19920326
Designated States: (National) DE; FR; GB; NL
IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
00-184730; G 00-184731
JAPIO Reference No: * 180152E000002
Language of Document: English
Patent (No,Kind,Date): EP 833319 A3 20020403
DISC-SHAPED RECORDING MEDIUM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP);
TANAKA MITIRO (JP); TAN SATOSHI (JP)
Priority (No,Kind,Date): EP 94300402 A3 19940119; JP 938596 A
19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A
19931119
Applic (No,Kind,Date): EP 97118775 A 19940119
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * G11B-013/04; G11B-020/12
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
Language of Document: English
Patent (No,Kind,Date): EP 1035693 A3 20001206
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114572 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035694 A3 20001206
MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114573 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035695 A3 20001206
MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114575 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035696 A3 20001206
MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114577 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035697 A3 20001206
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114578 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035698 A3 20001206
MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A

19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): EP 2000114579 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039672 A3 20001206
 MULTIREOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
 (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): EP 2000114576 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039673 A3 20001206
 MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
 MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114689 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039674 A3 20001206
 MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
 MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114690 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039675 A3 20001206
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114692 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039676 A3 20001206
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114694 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039677 A3 20001206
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH
MULTICARRIER MODULATION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114696 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039678 A3 20001206
MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114697 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;

IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039679 A3 20001206
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114698 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039680 A3 20001206
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER MODULATION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114699 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039681 A3 20001206
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH
MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114701 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039682 A3 20001206

MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114702 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1045541 A3 20001206
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114700 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1049282 A3 20001206
MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114574 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1049283 A3 20001206
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114693 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1049284 A3 20001206
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114695 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1120777 A3 20011010
OPTICAL DISK (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
Priority (No,Kind,Date): EP 95938017 A3 19951116; JP 94283415 A 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
Applic (No,Kind,Date): EP 2001108949 A 19951116
Designated States: (National) DE; FR; GB
IPC: * G11B-020/00; G06F-001/00; G11B-007/00; G11B-027/30; G11B-023/28; G11B-013/04; G11B-011/105; G11B-019/02; G11B-019/12; G11B-007/007; G11B-007/26; G11B-020/12; G11B-027/10

Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 689200 A4 19960529
OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK, REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD (English; French; German)
Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): WO 94JP2304 W 19941228; JP 93335165 A 19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 94299508 A 19941202
Applic (No,Kind,Date): EP 95904033 A 19941228
Designated States: (National) DE; FR; GB; IT
IPC: * G11B-007/007; G11B-020/12; G11B-013/04; G11B-007/00; G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10

Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 01-018026
Language of Document: English
Patent (No,Kind,Date): EP 706174 A4 19970702
METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
Priority (No,Kind,Date): WO 95JP760 W 19950418; JP 94104879 A 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP 9515318 A 19950201; JP 9516865 A 19950203
Applic (No,Kind,Date): EP 95915345 A 19950418
Designated States: (National) DE; FR; GB; NL

IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
; G11B-007/09
Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
96-268785; G 01-018026
Language of Document: English
Patent (No,Kind,Date): EP 741382 A4 19970702
MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
PRODUCING METHOD (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
Priority (No,Kind,Date): WO 95JP2339 W 19951116; JP 94283415 A
19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
Applic (No,Kind,Date): EP 95938017 A 19951116
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
97-236119
Language of Document: English
Patent (No,Kind,Date): EP 802527 A4 19971210
OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
YOSHINARI (JP)
Priority (No,Kind,Date): WO 96JP2924 W 19961008; JP 95261247 A
19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): EP 96932845 A 19961008
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 807929 A4 19971210
Priority (No,Kind,Date): WO 96JP1303 W 19960515; JP 95261247 A
19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 96915172 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English; French; German
Patent (No,Kind,Date): EP 506400 B1 19971217
SIGNAL TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
9260739 A 19920317
Applic (No,Kind,Date): EP 92302627 A 19920326
Designated States: (National) DE; FR; GB; NL
IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
00-184730; G 00-184731
JAPIO Reference No: * 180152E000002
Language of Document: English
Patent (No,Kind,Date): EP 589709 B1 20010829
MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
19930510; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 93307575 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/18
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G

94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 637016 B1 20010307
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93205682 A 19930727; JP 94104879 A
 19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
 93314114 A 19931119
 Applic (No,Kind,Date): EP 94305557 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
 ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 741382 B1 20011010
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
 OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
 PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): WO 95JP2339 W 19951116; JP 94283415 A
 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No,Kind,Date): EP 95938017 A 19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
 ; G11B-007/09; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 766478 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 92302627 A3 19920326; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 96119060 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 802527 B1 20010829
 RECORDER FOR OPTICAL DISKS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): WO 96JP2924 W 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 807929 B1 20010228
 OPTICAL DISK PROVIDED WITH BAR CODE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): WO 96JP1303 W 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 96915172 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 975168 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 99119266 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975171 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 99121008 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975172 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 99121024 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975173 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 99121025 A 19920326
 Designated States: (National) DE; FR; GB; NL

IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
00-184730; G 00-184731
JAPIO Reference No: * 180152E000002
Language of Document: English
Patent (No,Kind,Date): EP 1003162 B1 20001102
AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000103257 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1005023 B1 20020522
OPTICAL REPRODUCING DEVICE FOR THE REPRODUCTION OF ENCRYPTED
INFORMATION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
YOSHINARI (JP)
Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): EP 2000102965 A 19961008
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1005024 B1 20010530
OPTICAL REPRODUCING DEVICE FOR THE REPRODUCTION OF ENCRYPTED
INFORMATION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
YOSHINARI (JP)
Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): EP 2000102966 A 19961008
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1005025 B1 20020102
OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
YOSHINARI (JP)
Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): EP 2000102967 A 19961008
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1005026 B1 20010523
OPTICAL RECORDER (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102968 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005027 B1 20010523
 OPTICAL RECORDER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102969 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005028 B1 20020424
 OPTICAL RECORDER AND OPTICAL RECORDING METHOD USING ENCRYPTION (English ; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102971 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005033 B1 20010919
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000101774 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005034 B1 20001102
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000101775 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005035 B1 20001102

AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000104818 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1006516 B1 20011121

AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000105014 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1006517 B1 20011128

AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000106447 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1024478 B1 20020502

OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
Applic (No,Kind,Date): EP 2000102970 A 19961008
Designated States: (National) DE; FR; GB
IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1031974 B1 20010816

AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): EP 2000112310 A 19960515
Designated States: (National) DE; FR; GB
IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: English
Patent (No,Kind,Date): EP 1039673 B1 20020424
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114689 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039674 B1 20020424
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114690 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039675 B1 20020306
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114692 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039676 B1 20020424
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114694 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G

00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039677 B1 20020424
 MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH
 MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114696 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039678 B1 20020424
 MULTIREOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
 (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114697 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039679 B1 20020424
 MULTIREOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114698 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039680 B1 20020306
 MULTIREOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
 MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114699 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039681 B1 20020424
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114701 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039682 B1 20020306
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114702 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1045541 B1 20020306
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114700 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1049283 B1 20020424

MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): EP 2000114693 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1049284 B1 20020306

MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): EP 2000114695 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 02-050566

JAPIO Reference No: * 180486E000144

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 506400 P 19910327 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 506400 P 19910425 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 506400 P 19910529 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 506400 P 19910723 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 506400 P 19920317 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 506400 P 19920326 EP AE EP-APPLICATION
(EUROPAEISCHE ANMELDUNG)

EP 506400 P 19920930 EP AK DESIGNATED CONTRACTING
STATES IN AN APPLICATION WITHOUT SEARCH
REPORT (IN EINER ANMELDUNG OHNE
RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

DE FR GB NL

EP 506400	P	19920930	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 506400	P	19930526	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			DE FR GB NL	
EP 506400	P	19930526	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 506400	P	19940112	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 931117
EP 506400	P	19960110	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 951127
EP 506400	P	19970402	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 766478 P
EP 506400	P	19971217	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) DE FR GB NL
EP 506400	P	19971217	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 506400	P	19971217	EP DX	MISCELLANEOUS: (DELETED) (DIVERSES: (GELOESCHT))
EP 506400	P	19980129	EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69223541 P 19980129
EP 506400	P	19980320	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 506400	P	19981209	EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 506400	P	20000119	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 973335 P
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P
EP 506400	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1049334 P
EP 506400	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 506400	P	20020327	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)

EP 506400	P	20020327	EP AH	EP 766478 P DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
EP 506400	P	20020327	EP AH	EP 975168 P DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
EP 506400	P	20020327	EP AH	EP 975171 P DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
EP 506400	P	20020327	EP AH	EP 975172 P DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
EP 555031	P	19920129	EP AA	EP 975173 P PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	P	19920228	EP AA	JP 9213809 A 19920129 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	P	19920309	EP AA	JP 9242558 A 19920228 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	P	19920326	EP AA	JP 9250328 A 19920309 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	P	19920430	EP AA	JP 9268031 A 19920326 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	P	19920722	EP AA	JP 92111176 A 19920430 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	P	19920925	EP AA	JP 92194450 A 19920722 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	P	19930129	EP AE	JP 92280874 A 19920925 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 555031	P	19930811	EP AK	EP 93300695 A 19930129 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 555031	P	19930811	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 555031	P	19930811	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930206
EP 555031	P	19951115	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 555031	P	19951115	EP A3	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 555031	P	19970402	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)

		970214	
EP 555031	P	19981223 EP 18D	DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
		980626	
EP 562875	P	19920326 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9267934 A	19920326
EP 562875	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A	19920925
EP 562875	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 93302369 A	19930326
EP 562875	P	19930929 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 562875	P	19930929 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 562875	P	19930929 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		930403	
EP 562875	P	19960417 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		960306	
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114689 A	20000708
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114690 A	20000708
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114692 A	20000708
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114693 A	20000708
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114694 A	20000708
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114695 A	20000708
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114696 A	20000708
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114697 A	20000708
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114698 A	20000708
EP 562875	P	20000830 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))

			EP 2000114699	A	20000708
EP 562875	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))	
			EP 2000114700	A	20000708
EP 562875	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))	
			EP 2000114701	A	20000708
EP 562875	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))	
			EP 2000114702	A	20000708
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039673	P	
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039674	P	
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039675	P	
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039676	P	
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039677	P	
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039678	P	
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039679	P	
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039680	P	
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039681	P	
EP 562875	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1039682	P	
EP 562875	P	20001018	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1045541	P	
EP 562875	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1049283	P	
EP 562875	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1049284	P	
EP 562875	P	20010926	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))	
			1039673		
			EP 2000114689	A	20000708
EP 562875	P	20010926	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))	
			1039674		
			EP 2000114690	A	20000708
EP 562875	P	20010926	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))	
			1039675		
			EP 2000114692	A	20000708
EP 562875	P	20010926	EP RAHF	DIVISIONAL APPLICATION (ART.	

			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1049283
			EP 2000114693 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1039676
			EP 2000114694 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1049284
			EP 2000114695 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1039677
			EP 2000114696 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1039678
			EP 2000114697 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1039679
			EP 2000114698 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1039680
			EP 2000114699 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1045541
			EP 2000114700 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1039681
			EP 2000114701 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			1039682
			EP 2000114702 A 20000708
EP 562875	P	20010926	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			EP 2001118510 A 20010801
EP 562875	P	20011114	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 1154608 P
EP 562875	P	20020306	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 1039675 P
EP 562875	P	20020306	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 1039680 P
EP 562875	P	20020306	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 1039682 P
EP 562875	P	20020306	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 1045541 P

EP 562875	P	20020306 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1049284 P	
EP 562875	P	20020424 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1039673 P	
EP 562875	P	20020424 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1039674 P	
EP 562875	P	20020424 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1039676 P	
EP 562875	P	20020424 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1039677 P	
EP 562875	P	20020424 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1039678 P	
EP 562875	P	20020424 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1039679 P	
EP 562875	P	20020424 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1039681 P	
EP 562875	P	20020424 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1049283 P	
EP 564187	P	19920326 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9268031 A	19920326
EP 564187	P	19920430 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92111176 A	19920430
EP 564187	P	19920722 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92194450 A	19920722
EP 564187	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92280874 A	19920925
EP 564187	P	19921021 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92282666 A	19921021
EP 564187	P	19921211 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92331300 A	19921211
EP 564187	P	19930121 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 938596 A	19930121
EP 564187	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 93302365 A	19930326
EP 564187	P	19931006 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 564187	P	19931006 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)

EP 564187	P	19931006	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930403
EP 564187	P	19951206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 564187	P	19951206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 564187	P	19970402	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 970214
EP 564187	P	19980225	EP 18D	DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970826
EP 589709	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 92256070 A 19920925
EP 589709	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9366461 A 19930325
EP 589709	P	19930510	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 93132984 A 19930510
EP 589709	P	19930924	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
				EP 93307575 A 19930924
EP 589709	P	19940330	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 589709	P	19940330	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 589709	P	19940330	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 931002
EP 589709	P	19940928	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 589709	P	19940928	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 589709	P	19970102	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 961115
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
				EP 2000114572 A 20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
				EP 2000114573 A 20000707

EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114574 A 20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114575 A 20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114576 A 20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114577 A 20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114578 A 20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114579 A 20000707
EP 589709	P	20000913	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035693 P
EP 589709	P	20000913	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035694 P
EP 589709	P	20000913	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035695 P
EP 589709	P	20000913	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035696 P
EP 589709	P	20000913	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035697 P
EP 589709	P	20000913	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035698 P
EP 589709	P	20000927	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1039672 P
EP 589709	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1049282 P
EP 589709	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035693 EP 2000114572 A 20000707
EP 589709	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035694 EP 2000114573 A 20000707
EP 589709	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1049282 EP 2000114574 A 20000707
EP 589709	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035695 EP 2000114575 A 20000707
EP 589709	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1039672 EP 2000114576 A 20000707

EP 589709	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1035696	
			EP 2000114577	A 20000707
EP 589709	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1035697	
			EP 2000114578	A 20000707
EP 589709	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1035698	
			EP 2000114579	A 20000707
EP 589709	P	20010829	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 589709	P	20010829	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 589709	P	20010829	EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
			AT 205032	R 20010915
EP 589709	P	20010829	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7H 04L 1/00 A, 7H 04L 27/18 B	
EP 589709	P	20010831	CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 589709	P	20011003	IE FG4D/REG	EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP 589709	P	20011004	EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69330665	P 20011004
EP 589709	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 589709	P	20020125	EP EN	FR: TRANSLATION NOT FILED (FR: TRADUCTION N'A PAS ETE REMISE)
EP 589709	P	20020201	EP NLV1	NL: LAPSED OR ANNULED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT; NO LEGAL EFFECT FROM THE DATE OF (NL: WIRKUNG IN NL NICHT EINGETRETEN (ART. 29P UND 29M NL PATG.))
EP 589709	P	20020228	CH PL/REG	PATENT CEASED (LOESCHUNG/RADIATION/RADIAZION)
EP 589709	P	20020410	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP 589709	P	20020515	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP 589709	P	20020515	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP 589709	P	20020626	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP 589709	P	20020626	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP 589709	P	20020626	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP 589709	P	20020717	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP 589709	P	20020717	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT)

			BE 20010829	
EP 589709	P	20020717	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT)
			PT 20011129	
EP 589709	P	20020717	EP 25	LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT)
			SE 20011129	
EP 608126	P	19930121	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 938596 A	19930121
EP 608126	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9392219 A	19930325
EP 608126	P	19930409	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93107423 A	19930409
EP 608126	P	19930727	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93205682 A	19930727
EP 608126	P	19931102	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93297504 A	19931102
EP 608126	P	19931119	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93314114 A	19931119
EP 608126	P	19940119	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 94300403 A	19940119
EP 608126	P	19940727	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 608126	P	19940727	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 608126	P	19940727	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			940127	
EP 608126	P	19951129	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 608126	P	19951129	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 608126	P	19970903	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			970722	
EP 608126	P	19980527	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 844611 P	
EP 608126	P	19980527	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 844612 P	
EP 608126	P	19980729	EP 18D	DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
			980203	

EP 609013	P	19930121 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 938596 A	19930121
EP 609013	P	19930325 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 9392219 A	19930325
EP 609013	P	19930409 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 93107423 A	19930409
EP 609013	P	19930727 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 93205682 A	19930727
EP 609013	P	19931102 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 93297504 A	19931102
EP 609013	P	19931119 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 93314114 A	19931119
EP 609013	P	19940119 EP AE (EUROPAEISCHE ANMELDUNG)	EP-APPLICATION
		EP 94300402 A	19940119
EP 609013	P	19940803 EP AK STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	DESIGNATED CONTRACTING
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 609013	P	19940803 EP A2 WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	PUBLICATION OF APPLICATION
EP 609013	P	19940803 EP 17P FILED (PRUEFUNGSANTRAG GESTELLT) 940127	REQUEST FOR EXAMINATION
EP 609013	P	19951129 EP AK STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	DESIGNATED CONTRACTING
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 609013	P	19951129 EP A3 SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	SEPARATE PUBLICATION OF THE
EP 609013	P	19970903 EP 17Q (ERSTER PRUEFUNGSBESCHIED) 970722	FIRST EXAMINATION REPORT
EP 609013	P	19980401 EP AH 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 833319 P	DIVISIONAL APPLICATION (ART.
EP 609013	P	19981223 EP 18D ZURUECKGENOMMEN GELTEN) 980626	DEEMED TO BE WITHDRAWN (ALS
EP 609617	P	19921201 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 92321063 A	19921201
EP 609617	P	19930121 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 938596 A	19930121
EP 609617	P	19930727 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))

EP 609617	P	JP 93205682 A 19930727 19931201 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93309619 A 19931201
EP 609617	P	19940810 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 609617	P	BE DE FR GB NL 19940810 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 609617	P	19940810 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 931214
EP 609617	P	19961211 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 609617	P	BE DE FR GB NL 19961211 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 609617	P	19971203 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970612
EP 617531	P	19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	P	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	P	JP 93132984 A 19930510 19930924 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	P	JP 93261612 A 19930924 19940324 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 94302149 A 19940324
EP 617531	P	19940928 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 617531	P	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 19940928 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 617531	P	19940928 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940402
EP 617531	P	19970102 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 961115
EP 617531	P	19971217 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970527
EP 637016	P	19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 637016	P	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P	JP 93314114 A 19931119 19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P	JP 94104879 A 19940418 19940707 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P	JP 94156089 A 19940707 19940727 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 637016	P	EP 94305557 A 19940727 19950201 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 637016	P	BE CH DE FR GB IT LI NL 19950201 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 637016	P	19950201 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940805
EP 637016	P	19950830 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 637016	P	BE CH DE FR GB IT LI NL 19950830 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 637016	P	19980408 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 980220
EP 637016	P	20000913 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 637016	P	EP 2000115017 A 20000724 20001108 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 637016	P	EP 1050879 P 20010307 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1050879
EP 637016	P	EP 2000115017 A 20000724 20010307 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
EP 637016	P	BE CH DE FR GB IT LI NL 20010307 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 637016	P	20010315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 637016	P	20010315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 637016	P	20010412 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 637016	P	DE 69426795 P 20010412 20010525 EP ITF IT: TRANSLATION FOR A EP PATENT FILED (IT: DEPOSITO TRADUZIONE DI

BREVETTO EUROPEO)
SOCIETA' ITALIANA BREVETTI S.P.A.

EP 637016	P	20010615	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 637016	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 637016	P	20020227	EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 689200	P	19931228	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 689200	P	19940120	EP AA	JP 93335165 A 19931228 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 689200	P	19940418	EP AA	JP 9422191 A 19940120 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 689200	P	19940707	EP AA	JP 94104879 A 19940418 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 689200	P	19941202	EP AA	JP 94156089 A 19940707 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 689200	P	19941228	EP AA	JP 94299508 A 19941202 PCT-APPLICATION (PCT-ANMELDUNG)
EP 689200	P	19941228	EP AE	WO 94JP2304 W 19941228 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 689200	P	19951227	EP AK	EP 95904033 A 19941228 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 689200	P	19951227	EP A1	DE FR GB IT PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 689200	P	19960207	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213
EP 689200	P	19960529	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 689200	P	19960529	EP A4	DE FR GB IT SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP 689200	P	19960605	EP K1C1	CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (TITELSEITE) ERSCHIENEN) 951227
EP 689200	P	19960605	EP RAP1	APPLICANT (CORRECTION) (ANMELDER (KORR.))
EP 689200	P	19990120	EP 17Q	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 981204
EP 689200	P	20020703	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2002010875 A 20020515

EP 706174	P	19940418 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 94104879 A	19940418
EP 706174	P	19941117 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 94283415 A	19941117
EP 706174	P	19941228 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 94327963 A	19941228
EP 706174	P	19950201 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 9515318 A	19950201
EP 706174	P	19950203 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 9516865 A	19950203
EP 706174	P	19950418 EP AA (PCT-ANMELDUNG)	PCT-APPLICATION
		WO 95JP760 W	19950418
EP 706174	P	19950418 EP AE (EUROPAEISCHE ANMELDUNG)	EP-APPLICATION
		EP 95915345 A	19950418
EP 706174	P	19960410 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB NL	
EP 706174	P	19960410 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 706174	P	19960410 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		951114	
EP 706174	P	19970702 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
		DE FR GB NL	
EP 706174	P	19970702 EP A4	SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP 706174	P	19991215 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		19991027	
EP 741382	P	19941117 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 94283415 A	19941117
EP 741382	P	19950202 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 9516153 A	19950202
EP 741382	P	19951009 EP AA APPLICATION)	PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009
EP 741382	P	19951116 EP AA (PCT-ANMELDUNG)	PCT-APPLICATION
		WO 95JP2339 W	19951116
EP 741382	P	19951116 EP AE (EUROPAEISCHE ANMELDUNG)	EP-APPLICATION
		EP 95938017 A	19951116
EP 741382	P	19961106 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:

(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)

EP 741382	P	19961106	DE FR GB EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 741382	P	19970108	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 741382	P	19970702	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 741382	P	19970702	DE FR GB EP A4	SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP 741382	P	19990922	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 741382	P	19990804		
EP 741382	P	20010606	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 741382	P	20010801	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 741382	P	20011010	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 741382	P	20011010	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
EP 741382	P	20011010	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 741382	P	20011115	EP REF	CORRESPONDS TO: (ENTSPRICHT)
EP 741382	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 741382	P	20020308	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 766478	P	19910327	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 766478	P	19910425	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 766478	P	19910529	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 766478	P	19910723	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 766478	P	19920317	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 766478	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 766478	P	19920326	EP AE	EP-APPLICATION

			(EUROPAEISCHE ANMELDUNG)
		EP 96119060 A	19920326
EP 766478	P	19970402 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 506400 P	
EP 766478	P	19970402 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
		DE FR GB NL	
EP 766478	P	19970402 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 766478	P	19991124 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99119266 A	19990928
EP 766478	P	19991124 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99119278 A	19990928
EP 766478	P	19991215 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99119266 A	19990928
EP 766478	P	19991215 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99119278 A	19990928
EP 766478	P	19991215 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99121006 A	19991021
EP 766478	P	19991215 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99121007 A	19991021
EP 766478	P	19991215 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99121008 A	19991021
EP 766478	P	19991215 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99121024 A	19991021
EP 766478	P	19991215 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99121025 A	19991021
EP 766478	P	19991215 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99121026 A	19991021
EP 766478	P	20000119 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 973335 P	
EP 766478	P	20000119 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
		DE FR GB NL	
EP 766478	P	20000119 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 766478	P	20000126 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)

			EP 975168 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 975169 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 975170 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 975171 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 975172 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 975173 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))
			EP 975174 P	
EP 766478	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			975168	
			EP 99119266 A 19990928	
EP 766478	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			973335	
			EP 99119278 A 19990928	
EP 766478	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			975169	
			EP 99121006 A 19991021	
EP 766478	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			975170	
			EP 99121007 A 19991021	
EP 766478	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			975171	
			EP 99121008 A 19991021	
EP 766478	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			975172	
			EP 99121024 A 19991021	
EP 766478	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			975173	
			EP 99121025 A 19991021	
EP 766478	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			975174	
			EP 99121026 A 19991021	
EP 766478	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114691 A 20000708	
EP 766478	P	20000913	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000719	
EP 766478	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:))

		EP 1049334	P	
EP 766478	P	20010321	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010206
EP 766478	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 766478	P	20020327	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 766478	P	20020327	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P
EP 766478	P	20020327	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P
EP 766478	P	20020327	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P
EP 766478	P	20020327	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P
EP 766478	P	20020327	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 975168 EP 99119266 A 19990928
EP 766478	P	20020327	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 973335 EP 99119278 A 19990928
EP 766478	P	20020327	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 975169 EP 99121006 A 19991021
EP 766478	P	20020327	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 975170 EP 99121007 A 19991021
EP 766478	P	20020327	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 975171 EP 99121008 A 19991021
EP 766478	P	20020327	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 975172 EP 99121024 A 19991021
EP 766478	P	20020327	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 975173 EP 99121025 A 19991021
EP 766478	P	20020327	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 975174 EP 99121026 A 19991021
EP 766478	P	20020327	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1049334 EP 2000114691 A 20000708
EP 766478	P	20020327	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) DE FR GB NL
EP 766478	P	20020327	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 766478	P	20020502	EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69232523 P 20020502
EP 802527	P	19951009	EP AA	PRIORITY (PATENT

		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 802527	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 802527	P	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 802527	P	JP 96211304 A 19960809 19961008 EP AA PCT-APPLICATION (PCT-ANMELDUNG)	
EP 802527	P	WO 96JP2924 W 19961008 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
EP 802527	P	EP 96932845 A 19961008 19971022 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)	
EP 802527	P	DE FR GB 19971022 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)	
EP 802527	P	19971022 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 970707	
EP 802527	P	19971210 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)	
EP 802527	P	DE FR GB 19971210 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 971022	
EP 802527	P	20000405 EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))	
EP 802527	P	EP 2000102965 A 20000211 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
EP 802527	P	EP 1005023 P 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
EP 802527	P	EP 1005024 P 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
EP 802527	P	EP 1005025 P 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
EP 802527	P	EP 1005026 P 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
EP 802527	P	EP 1005027 P 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
EP 802527	P	EP 1005028 P 20000614 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20000427	
EP 802527	P	20000802 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
EP 802527	P	EP 1024478 P 20010321 EP RTI1 TITEL (CORRECTION) (TITEL (KORR.)) RECORDER FOR OPTICAL DISKS	

EP 802527	P	20010328	EP RTI1	TITEL (CORRECTION) (TITEL (KORR.))
				RECORDER FOR OPTICAL DISKS
EP 802527	P	20010523	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1005026	P
EP 802527	P	20010523	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1005027	P
EP 802527	P	20010530	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1005024	P
EP 802527	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1005023	
			EP 2000102965	A 20000211
EP 802527	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1005024	
			EP 2000102966	A 20000211
EP 802527	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1005025	
			EP 2000102967	A 20000211
EP 802527	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1005026	
			EP 2000102968	A 20000211
EP 802527	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1005027	
			EP 2000102969	A 20000211
EP 802527	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1024478	
			EP 2000102970	A 20000211
EP 802527	P	20010829	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1005028	
			EP 2000102971	A 20000211
EP 802527	P	20010829	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
			DE FR GB	
EP 802527	P	20010829	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 802527	P	20011004	EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69614823	P 20011004
EP 802527	P	20011207	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 802527	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 802527	P	20020102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1005025	P
EP 802527	P	20020102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1168328	P
EP 802527	P	20020424	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1005028	P
EP 802527	P	20020502	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1024478	P
EP 802527	P	20020522	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)

EP 807929	P	EP 1005023 P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 807929	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 807929	P	JP 968910 A 19960123 19960515 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP 807929	P	WO 96JP1303 W 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 807929	P	EP 96915172 A 19960515 19971119 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 807929	P	DE FR GB 19971119 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 807929	P	19971119 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 970918
EP 807929	P	19971210 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 807929	P	DE FR GB 19971210 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 971022
EP 807929	P	19990922 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 19990804
EP 807929	P	20000322 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000101774 A 20000128 20000412 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000101774 A 20000128 20000412 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000101775 A 20000128 20000412 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000103257 A 20000217 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000101774 A 20000128 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000101775 A 20000128 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000103257 A 20000217 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))

			76) IN: (KORR.))
		EP 2000104818	A 20000306
EP 807929	P	20000503	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		EP 2000105014	A 20000309
EP 807929	P	20000517	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		EP 2000101774	A 20000128
EP 807929	P	20000517	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		EP 2000101775	A 20000128
EP 807929	P	20000517	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		EP 2000103257	A 20000217
EP 807929	P	20000517	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		EP 2000104818	A 20000306
EP 807929	P	20000517	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		EP 2000105014	A 20000309
EP 807929	P	20000517	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		EP 2000106447	A 20000324
EP 807929	P	20000524	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1003162	P
EP 807929	P	20000531	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1005033	P
EP 807929	P	20000531	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1005034	P
EP 807929	P	20000531	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1005035	P
EP 807929	P	20000607	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1006516	P
EP 807929	P	20000607	EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
		EP 1006517	P
EP 807929	P	20000705	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		1005033	
		EP 2000101774	A 20000128
EP 807929	P	20000705	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		1005034	
		EP 2000101775	A 20000128
EP 807929	P	20000705	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		1003162	
		EP 2000103257	A 20000217
EP 807929	P	20000705	EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
		1005035	
		EP 2000104818	A 20000306

EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006516 EP 2000105014 A 20000309
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006517 EP 2000106447 A 20000324
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000109898 A 20000510
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000109899 A 20000510
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000110461 A 20000516
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005033 EP 2000101774 A 20000128
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005034 EP 2000101775 A 20000128
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1003162 EP 2000103257 A 20000217
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005035 EP 2000104818 A 20000306
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006516 EP 2000105014 A 20000309
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006517 EP 2000106447 A 20000324
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000109898 A 20000510
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000109899 A 20000510
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000110461 A 20000516
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000112310 A 20000608

EP 807929	P	20000816	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1028422	P	
EP 807929	P	20000816	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1028423	P	
EP 807929	P	20000823	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1030297	P	
EP 807929	P	20000830	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1031974	P	
EP 807929	P	20000906	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
				7G 11B 7/007 A, 7G 11B 7/24 B, 7G 06K 19/00 B, 7G 11B 20/10 B, 7G 11B 20/00 B, 7G 06F 1/00 B
EP 807929	P	20000906	EP RTI1	TITEL (CORRECTION) (TITEL (KORR.))
				OPTICAL DISK PROVIDED WITH BAR CODE
EP 807929	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1003162	P	
EP 807929	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1005034	P	
EP 807929	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1005035	P	
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1005033
		EP 2000101774	A	20000128
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1005034
		EP 2000101775	A	20000128
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1003162
		EP 2000103257	A	20000217
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1005035
		EP 2000104818	A	20000306
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1006516
		EP 2000105014	A	20000309
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1006517
		EP 2000106447	A	20000324
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1028422
		EP 2000109898	A	20000510
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1028423
		EP 2000109899	A	20000510
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1030297
		EP 2000110461	A	20000516
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				1031974

			EP 2000112310	A	20000608	
EP 807929	P	20010228	EP AK		DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)	
			DE FR GB			
EP 807929	P	20010228	EP B1		PATENT SPECIFICATION (PATENTSCHRIFT)	
EP 807929	P	20010405	EP REF		CORRESPONDS TO: (ENTSPRICHT)	
			DE 69611906	P	20010405	
EP 807929	P	20010615	EP ET		FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)	
EP 807929	P	20010816	EP AH		DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1031974	P		
EP 807929	P	20010919	EP AH		DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1005033	P		
EP 807929	P	20011121	EP AH		DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1006516	P		
EP 807929	P	20011128	EP AH		DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
			EP 1006517	P		
EP 807929	P	20020101	GB IF02/REG		EUROPEAN PATENT IN FORCE AS OF 2002-01-01	
EP 807929	P	20020220	EP 26N		NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)	
EP 833319	P	19930121	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
			JP 938596	A	19930121	
EP 833319	P	19930325	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
			JP 9392219	A	19930325	
EP 833319	P	19930409	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
			JP 93107423	A	19930409	
EP 833319	P	19930727	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
			JP 93205682	A	19930727	
EP 833319	P	19931102	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
			JP 93297504	A	19931102	
EP 833319	P	19931119	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
			JP 93314114	A	19931119	
EP 833319	P	19940119	EP AA		DIVIDED OUT OF (AUSSCHIEDUNG AUS)	
			EP 94300402	A3	19940119	
EP 833319	P	19940119	EP AE		EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
			EP 97118775	A	19940119	
EP 833319	P	19980401	EP AC		DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
			EP 609013	P		
EP 833319	P	19980401	EP AK		DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL

			PT SE	
EP 833319	P	19980401	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 833319	P	19980401	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 971029
EP 833319	P	19980429	EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; SHIMIZU, RYOSUKE ; KOUDO, TOSHIKAZU ; YOSHIURA, TSUKASA ; MATSUURA, TAKUMI ; TANAKA, MITIRO ; TAN, SATOSHI
EP 833319	P	20020327	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7G 11B 13/04 A, 7G 11B 20/12 B
EP 833319	P	20020403	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 833319	P	20020403	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 844611	P	19930121	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	19930325	EP AA	JP 938596 A 19930121 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	19930409	EP AA	JP 9392219 A 19930325 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	19930727	EP AA	JP 93107423 A 19930409 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	19931102	EP AA	JP 93205682 A 19930727 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	19931119	EP AA	JP 93297504 A 19931102 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	19940119	EP AA	JP 93314114 A 19931119 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 844611	P	19940119	EP AE	EP 94300403 A3 19940119 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 844611	P	19980527	EP AC	EP 98100524 A 19940119 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 844611	P	19980527	EP AK	EP 608126 P DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 844611	P	19980527	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)

EP 844611	P	19980527	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 980114
EP 844612	P	19930121	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19930325	EP AA	JP 938596 A 19930121 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19930409	EP AA	JP 9392219 A 19930325 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19930727	EP AA	JP 93107423 A 19930409 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19931102	EP AA	JP 93205682 A 19930727 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19931119	EP AA	JP 93297504 A 19931102 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19940119	EP AA	JP 93314114 A 19931119 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 844612	P	19940119	EP AE	EP 94300403 A3 19940119 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 844612	P	19980527	EP AC	EP 98100525 A 19940119 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 608126 P
EP 844612	P	19980527	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 844612	P	19980527	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 844612	P	19980527	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 980114
EP 971345	P	19961219	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	P	19970122	EP AA	JP 96339304 A 19961219 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	P	19970924	EP AA	JP 979318 A 19970122 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	P	19971217	EP AA	JP 97259110 A 19970924 PCT-APPLICATION (PCT-ANMELDUNG)
EP 971345	P	19971217	EP AE	WO 97JP4664 W 19971217 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 971345	P	20000112	EP AK	EP 97949124 A 19971217 DESIGNATED CONTRACTING

STATES IN AN APPLICATION WITH SEARCH REPORT:
(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)

		DE FR GB IT NL	
EP 971345	P	20000112 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 971345	P	20000112 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		19990719	
EP 973335	P	19910327 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9162798 A	19910327
EP 973335	P	19910425 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9195813 A	19910425
EP 973335	P	19910529 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91155650 A	19910529
EP 973335	P	19910723 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A	19910723
EP 973335	P	19920317 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9260739 A	19920317
EP 973335	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 92302627 A3	19920326
EP 973335	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96119060 A3	19920326
EP 973335	P	19920326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 99119278 A	19920326
EP 973335	P	20000119 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 506400 P	
EP 973335	P	20000119 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 766478 P	
EP 973335	P	20000119 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB NL	
EP 973335	P	20000119 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 973335	P	20000119 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		19991015	
EP 973335	P	20001004 EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
		DE FR GB NL	
EP 973335	P	20001115 EP K1C3	CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN)
		20000119	
EP 973335	P	20001206 EP RPR1	PRIORITY (CORRECTION) (PRIORITAET (KORR.))
		JP 19910327 6279891 ;	JP 19910425 9581391 ;
		JP 19910529 15565091 ;	JP 19910723 18223691 ;
		JP 19920317 6073992	

EP 973335	P	20011205	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20011018
EP 975168	P	19910327	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19910425	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19910529	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19910723	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19920317	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 975168	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 975168	P	19920326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 975168	P	20000126	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975168	P	20000126	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975168	P	20000126	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 975168	P	20000126	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975168	P	20000126	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022
EP 975168	P	20001011	EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975168	P	20001115	EP K1C3	CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN) 20000126
EP 975168	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010227
EP 975168	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 975168	P	20020327	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975168	P	20020327	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975168	P	20020327	EP AK	DESIGNATED CONTRACTING

STATES MENTIONED IN A PATENT SPECIFICATION:
(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT
VERTRAGSSTAATEN)

		DE FR GB NL	
EP 975168	P	20020327 EP B1	PATENT SPECIFICATION
		(PATENTSCHRIFT)	
EP 975168	P	20020502 EP REF	CORRESPONDS TO:
		(ENTSPRICHT)	
		DE 69232526 P	20020502
EP 975169	P	19910327 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9162798 A	19910327
EP 975169	P	19910425 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9195813 A	19910425
EP 975169	P	19910529 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 91155650 A	19910529
EP 975169	P	19910723 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A	19910723
EP 975169	P	19920317 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9260739 A	19920317
EP 975169	P	19920326 EP AA	DIVIDED OUT OF
		(AUSSCHEIDUNG AUS)	
		EP 92302627 A3	19920326
EP 975169	P	19920326 EP AA	DIVIDED OUT OF
		(AUSSCHEIDUNG AUS)	
		EP 96119060 A3	19920326
EP 975169	P	19920326 EP AE	EP-APPLICATION
		(EUROPAEISCHE ANMELDUNG)	
		EP 99121006 A	19920326
EP 975169	P	20000126 EP AC	DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 506400 P	
EP 975169	P	20000126 EP AC	DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 766478 P	
EP 975169	P	20000126 EP AK	DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITH SEARCH REPORT:	
		(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)	
		DE FR GB NL	
EP 975169	P	20000126 EP A1	PUBLICATION OF APPLICATION
		WITH SEARCH REPORT (VEROEFFENTLICHUNG DER	
		ANMELDUNG MIT RECHERCHENBERICHT)	
EP 975169	P	20000126 EP 17P	REQUEST FOR EXAMINATION
		FILED (PRUEFUNGSANTRAG GESTELLT)	
		19991021	
EP 975169	P	20001011 EP AKX	PAYMENT OF DESIGNATION FEES
		(NL: KORREKTUREN (TEIL 1 RUBRIK G))	
		DE FR GB NL	
EP 975170	P	19910327 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9162798 A	19910327
EP 975170	P	19910425 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9195813 A	19910425
EP 975170	P	19910529 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))

EP 975170	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975170	P	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975170	P	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 975170	P	EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 975170	P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 975170	P	EP 99121007 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975170	P	EP 506400 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975170	P	EP 766478 P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 975170	P	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975170	P	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975170	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975171	P	19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	P	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	P	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	P	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 975171	P	EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 975171	P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 975171	P	EP 99121008 A 19920326

EP 975171	P	20000126	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
			EP 506400	P
EP 975171	P	20000126	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
			EP 766478	P
EP 975171	P	20000126	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB NL	
EP 975171	P	20000126	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975171	P	20000126	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			19991021	
EP 975171	P	20001011	EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
			DE FR GB NL	
EP 975171	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			20010227	
EP 975171	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 975171	P	20020327	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
			EP 506400	P
EP 975171	P	20020327	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
			EP 766478	P
EP 975171	P	20020327	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
			DE FR GB NL	
EP 975171	P	20020327	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 975171	P	20020502	EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69232527	P 20020502
EP 975172	P	19910327	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9162798	A 19910327
EP 975172	P	19910425	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9195813	A 19910425
EP 975172	P	19910529	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 91155650	A 19910529
EP 975172	P	19910723	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 91182236	A 19910723
EP 975172	P	19920317	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9260739	A 19920317
EP 975172	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 92302627	A3 19920326
EP 975172	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96119060	A3 19920326
EP 975172	P	19920326	EP AE	EP-APPLICATION

			(EUROPAEISCHE ANMELDUNG)
		EP 99121024 A	19920326
EP 975172	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
		EP 506400 P	
EP 975172	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
		EP 766478 P	
EP 975172	P	20000126 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB NL	
EP 975172	P	20000126 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975172	P	20000301 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		19991021	
EP 975172	P	20001011 EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
		DE FR GB NL	
EP 975172	P	20010404 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
		20010222	
EP 975172	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 975172	P	20020327 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
		EP 506400 P	
EP 975172	P	20020327 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
		EP 766478 P	
EP 975172	P	20020327 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
		DE FR GB NL	
EP 975172	P	20020327 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 975172	P	20020502 EP REF	CORRESPONDS TO: (ENTSPRICHT)
		DE 69232529 P	20020502
EP 975173	P	19910327 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9162798 A	19910327
EP 975173	P	19910425 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9195813 A	19910425
EP 975173	P	19910529 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91155650 A	19910529
EP 975173	P	19910723 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A	19910723
EP 975173	P	19920317 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9260739 A	19920317
EP 975173	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 92302627 A3	19920326
EP 975173	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)

EP 975173	P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 99121025 A 19920326
EP 975173	P	20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975173	P	20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975173	P	20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 975173	P	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975173	P	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975173	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975173	P	20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20010227
EP 975173	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 975173	P	20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975173	P	20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975173	P	20020327 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) DE FR GB NL
EP 975173	P	20020327 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 975173	P	20020502 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69232530 P 20020502
EP 975174	P	19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 92302627 A3 19920326

EP 975174	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96119060 A3	19920326
EP 975174	P	19920326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 99121026 A	19920326
EP 975174	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 506400 P	
EP 975174	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 766478 P	
EP 975174	P	20000126 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB NL	
EP 975174	P	20000126 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975174	P	20000126 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		19991021	
EP 975174	P	20001011 EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
		DE FR GB NL	
EP 1003162	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009
EP 1003162	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A	19960123
EP 1003162	P	19960515 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96915172 A3	19960515
EP 1003162	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000103257 A	19960515
EP 1003162	P	20000524 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1003162	P	20000524 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB	
EP 1003162	P	20000524 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1003162	P	20000524 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000217	
EP 1003162	P	20000913 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		20000725	
EP 1003162	P	20001102 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1003162	P	20001102 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
		DE FR GB	
EP 1003162	P	20001102 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1003162	P	20001207 EP REF	CORRESPONDS TO: (

			ENTSPRICHT)
		DE 69610859	P 20001207
EP 1003162	P	20010207 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
		DE FR GB	
EP 1003162	P	20010209 EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1003162	P	20011024 EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 1003162	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1005023	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009
EP 1005023	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A	19960123
EP 1005023	P	19960809 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 96211304 A	19960809
EP 1005023	P	19961008 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96932845 A3	19961008
EP 1005023	P	19961008 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000102965 A	19961008
EP 1005023	P	20000531 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 802527 P	
EP 1005023	P	20000531 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB	
EP 1005023	P	20000531 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005023	P	20000531 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000301	
EP 1005023	P	20001115 EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.))
		OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI	
EP 1005023	P	20010110 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		20001130	
EP 1005023	P	20010214 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
		DE FR GB	
EP 1005023	P	20020522 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 802527 P	
EP 1005023	P	20020522 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
		DE FR GB	
EP 1005023	P	20020522 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005023	P	20020522 GB FG4D/REG	EUROPEAN PATENT GRANTED
EP 1005023	P	20020627 EP REF	CORRESPONDS TO: (ENTSPRICHT)
		DE 69621357 P	20020627

EP 1005024	P	19951009 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009	
EP 1005024	P	19960123 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 968910 A	19960123	
EP 1005024	P	19960809 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 96211304 A	19960809	
EP 1005024	P	19961008 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)	
		EP 96932845 A3	19961008	
EP 1005024	P	19961008 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
		EP 2000102966 A	19961008	
EP 1005024	P	20000531 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 802527 P		
EP 1005024	P	20000531 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)	
		DE FR GB		
EP 1005024	P	20000531 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)	
EP 1005024	P	20000531 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	
		20000301		
EP 1005024	P	20000927 EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.))	
			OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI	
EP 1005024	P	20010110 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)	
		20001130		
EP 1005024	P	20010214 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)	
		DE FR GB		
EP 1005024	P	20010530 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 802527 P		
EP 1005024	P	20010530 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)	
		DE FR GB		
EP 1005024	P	20010530 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)	
EP 1005024	P	20010705 EP REF	CORRESPONDS TO: (ENTSPRICHT)	
		DE 69613156 P	20010705	
EP 1005024	P	20010720 EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)	
EP 1005024	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01	
EP 1005024	P	20020522 EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)	
EP 1005025	P	19951009 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009	
EP 1005025	P	19960123 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))

EP 1005025	P	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005025	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1005025	P	EP 96932845 A3 19961008 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005025	P	EP 2000102967 A 19961008 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005025	P	EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 1005025	P	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005025	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1005025	P	20000301 20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1005025	P	20010207 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
EP 1005025	P	20001227 20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
EP 1005025	P	DE FR GB 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1005025	P	20020102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005025	P	EP 802527 P 20020102 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
EP 1005025	P	DE FR GB 20020102 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005025	P	20020228 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1005026	P	DE 69618672 P 20020228 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	P	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1005026	P	EP 96932845 A3 19961008 19961008 EP AE EP-APPLICATION

			(EUROPAEISCHE ANMELDUNG)
			EP 2000102968 A 19961008
EP 1005026	P	20000531 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 802527 P
EP 1005026	P	20000531 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB
EP 1005026	P	20000531 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005026	P	20000531 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000301
EP 1005026	P	20001115 EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.))
			OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1005026	P	20001129 EP RTI1	TITEL (CORRECTION) (TITEL (KORR.))
			OPTICAL RECORDER
EP 1005026	P	20010110 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20001130
EP 1005026	P	20010214 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
			DE FR GB
EP 1005026	P	20010523 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 802527 P
EP 1005026	P	20010523 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
			DE FR GB
EP 1005026	P	20010523 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005026	P	20010628 EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69613010 P 20010628
EP 1005026	P	20010727 EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005026	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1005026	P	20020522 EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 1005027	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 95261247 A 19951009
EP 1005027	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 968910 A 19960123
EP 1005027	P	19960809 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 96211304 A 19960809
EP 1005027	P	19961008 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96932845 A3 19961008
EP 1005027	P	19961008 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000102969 A 19961008
EP 1005027	P	20000531 EP AC	DIVISIONAL APPLICATION (ART.

			76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005027	P	20000531	EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB
EP 1005027	P	20000531	EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005027	P	20000531	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP 1005027	P	20001115	EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1005027	P	20001129	EP RTI1 TITEL (CORRECTION) (TITEL (KORR.)) OPTICAL RECORDER
EP 1005027	P	20010110	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001130
EP 1005027	P	20010214	EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005027	P	20010523	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005027	P	20010523	EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) DE FR GB
EP 1005027	P	20010523	EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005027	P	20010628	EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69613011 P 20010628
EP 1005027	P	20010727	EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005027	P	20020101	GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1005027	P	20020522	EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 1005028	P	19951009	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 95261247 A 19951009
EP 1005028	P	19960123	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 968910 A 19960123
EP 1005028	P	19960809	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 96211304 A 19960809
EP 1005028	P	19961008	EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 96932845 A3 19961008
EP 1005028	P	19961008	EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000102971 A 19961008
EP 1005028	P	20000531	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005028	P	20000531	EP AK DESIGNATED CONTRACTING

STATES IN AN APPLICATION WITH SEARCH REPORT:
(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)

EP 1005028	P	20000531	DE FR GB EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005028	P	20000531	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1005028	P	20000301		
EP 1005028	P	20001115	EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.))
				OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1005028	P	20001129	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
				20001013
EP 1005028	P	20010214	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
			DE FR GB	
EP 1005028	P	20011004	EP RTI1	TITLE (CORRECTION) (TITEL (KORR.))
				OPTICAL RECORDER AND OPTICAL RECORDING METHOD USING ENCRYPTION
EP 1005028	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1005028	P	20020424	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 802527	P
EP 1005028	P	20020424	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
			DE FR GB	
EP 1005028	P	20020424	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005028	P	20020424	GB FG4D/REG	EUROPEAN PATENT GRANTED
EP 1005028	P	20020529	EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69620919	P 20020529
EP 1005033	P	19951009	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 95261247	A 19951009
EP 1005033	P	19960123	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 968910	A 19960123
EP 1005033	P	19960515	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96915172	A3 19960515
EP 1005033	P	19960515	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000101774	A 19960515
EP 1005033	P	20000531	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 807929	P
EP 1005033	P	20000531	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB	
EP 1005033	P	20000531	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005033	P	20000531	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)

		20000128		
EP 1005033	P	20010214 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)	
		DE FR GB		
EP 1005033	P	20010502 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)	
		20010316		
EP 1005033	P	20010919 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))	
		EP 807929 P		
EP 1005033	P	20010919 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)	
		DE FR GB		
EP 1005033	P	20010919 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)	
EP 1005033	P	20011025 EP REF	CORRESPONDS TO: (ENTSPRICHT)	
		DE 69615418 P	20011025	
EP 1005033	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01	
EP 1005033	P	20020125 EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)	
EP 1005034	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 95261247 A	19951009	
EP 1005034	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 968910 A	19960123	
EP 1005034	P	19960515 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)	
		EP 96915172 A3	19960515	
EP 1005034	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
		EP 2000101775 A	19960515	
EP 1005034	P	20000531 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))	
		EP 807929 P		
EP 1005034	P	20000531 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)	
		DE FR GB		
EP 1005034	P	20000531 EP AX	ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUHREN)	
		AL;LT;LV;SI		
EP 1005034	P	20000531 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)	
EP 1005034	P	20000531 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	
		20000128		
EP 1005034	P	20000913 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)	
		20000725		
EP 1005034	P	20001102 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))	
		EP 807929 P		
EP 1005034	P	20001102 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)	
		DE FR GB		
EP 1005034	P	20001102 EP B1	PATENT SPECIFICATION (

			PATENTSCHRIFT)	
EP 1005034	P	20001207	EP REF	CORRESPONDS TO:
			(ENTSPRICHT)	
		DE 69610860	P	20001207
EP 1005034	P	20010209	EP ET	FR: TRANSLATION FILED (FR:
			TRADUCTION A ETE REMISE)	
EP 1005034	P	20010214	EP AKX	PAYMENT OF DESIGNATION FEES
			(ZAHLUNG VON BENENNUNGSGEBUHREN)	
		DE FR GB		
EP 1005034	P	20011024	EP 26N	NO OPPOSITION FILED (KEIN
			EINSPRUCH EINGELEGT)	
EP 1005034	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS
			OF 2002-01-01	
EP 1005035	P	19951009	EP AA	PRIORITY (PATENT
			APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 95261247	A	19951009
EP 1005035	P	19960123	EP AA	PRIORITY (PATENT
			APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 968910	A	19960123
EP 1005035	P	19960515	EP AA	DIVIDED OUT OF
			(AUSSCHIEDUNG AUS)	
		EP 96915172	A3	19960515
EP 1005035	P	19960515	EP AE	EP-APPLICATION
			(EUROPAEISCHE ANMELDUNG)	
		EP 2000104818	A	19960515
EP 1005035	P	20000531	EP AC	DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 807929	P	
EP 1005035	P	20000531	EP AK	DESIGNATED CONTRACTING
			STATES IN AN APPLICATION WITH SEARCH REPORT:	
			(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)	
		AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC		
		NL PT SE		
EP 1005035	P	20000531	EP AX	ERSTRECKUNG DES
			EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON	
			BENENNUNGSGEBUHREN)	
		AL;LT;LV;SI		
EP 1005035	P	20000531	EP A1	PUBLICATION OF APPLICATION
			WITH SEARCH REPORT (VEROEFFENTLICHUNG DER	
			ANMELDUNG MIT RECHERCHENBERICHT)	
EP 1005035	P	20000531	EP 17P	REQUEST FOR EXAMINATION
			FILED (PRUEFUNGSANTRAG GESTELLT)	
		20000306		
EP 1005035	P	20000913	EP 17Q	FIRST EXAMINATION REPORT
			(ERSTER PRUEFUNGSBESCHIED)	
		20000725		
EP 1005035	P	20001102	EP AC	DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 807929	P	
EP 1005035	P	20001102	EP AK	DESIGNATED CONTRACTING
			STATES MENTIONED IN A PATENT SPECIFICATION:	
			(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT	
			VERTRAGSSTAATEN)	
		DE FR GB		
EP 1005035	P	20001102	EP B1	PATENT SPECIFICATION
			(PATENTSCHRIFT)	
EP 1005035	P	20001207	EP REF	CORRESPONDS TO:
			(ENTSPRICHT)	
		DE 69610861	P	20001207
EP 1005035	P	20001213	IE FG4D/REG	EUROPEAN PATENTS GRANTED
			DESIGNATING IRELAND	
EP 1005035	P	20010209	EP ET	FR: TRANSLATION FILED (FR:
			TRADUCTION A ETE REMISE)	
EP 1005035	P	20010214	EP AKX	PAYMENT OF DESIGNATION FEES
			(ZAHLUNG VON BENENNUNGSGEBUHREN)	

		DE FR GB	
EP 1005035	P	20011024 EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 1005035	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1005035	P	20020306 IE MM4A/REG	PATENT LAPSED
EP 1006516	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009
EP 1006516	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A	19960123
EP 1006516	P	19960515 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96915172 A3	19960515
EP 1006516	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000105014 A	19960515
EP 1006516	P	20000607 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1006516	P	20000607 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB	
EP 1006516	P	20000607 EP AX	ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
		AL;LT;LV;SI	
EP 1006516	P	20000607 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1006516	P	20000607 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000309	
EP 1006516	P	20010221 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
		DE FR GB	
EP 1006516	P	20010530 EP RBV	DESIGNATED CONTRACTING STATES (CORRECTION): (BENANNTE VERTRAGSSTAATEN (KORR.))
		DE FR GB	
EP 1006516	P	20010613 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		20010427	
EP 1006516	P	20011121 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1006516	P	20011121 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
		DE FR GB	
EP 1006516	P	20011121 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1006516	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1006516	P	20020221 EP REF	CORRESPONDS TO: (ENTSPRICHT)
		DE 69618633 P	20020221
EP 1006516	P	20020412 EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1006517	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009

EP 1006517	P	19960123 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 968910 A	19960123	
EP 1006517	P	19960515 EP AA	DIVIDED OUT OF	(AUSSCHIEDUNG AUS)
		EP 96915172 A3	19960515	
EP 1006517	P	19960515 EP AE	EP-APPLICATION	(EUROPAEISCHE ANMELDUNG)
		EP 2000106447 A	19960515	
EP 1006517	P	20000607 EP AC	DIVISIONAL APPLICATION (ART. 76) OF:	(TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P		
EP 1006517	P	20000607 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:	(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB		
EP 1006517	P	20000607 EP AX	ERSTRECKUNG DES	EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUHREN)
		AL;LT;LV;SI		
EP 1006517	P	20000607 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT	(VEROFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1006517	P	20000607 EP 17P	REQUEST FOR EXAMINATION FILED	(PRUEFUNGSANTRAG GESTELLT)
		20000324		
EP 1006517	P	20010221 EP AKX	PAYMENT OF DESIGNATION FEES	(ZAHLUNG VON BENENNUNGSGEBUHREN)
		DE FR GB		
EP 1006517	P	20010718 EP 17Q	FIRST EXAMINATION REPORT	(ERSTER PRUEFUNGSBESCHIED)
		20010605		
EP 1006517	P	20011128 EP AC	DIVISIONAL APPLICATION (ART. 76) OF:	(TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P		
EP 1006517	P	20011128 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:	(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
		DE FR GB		
EP 1006517	P	20011128 EP B1	PATENT SPECIFICATION	(PATENTSCHRIFT)
EP 1006517	P	20011205 EP RIN2	INVENTOR (CORRECTION)	(ERFINDER (KORR.))
		GOTOH, YOSHIHO, C/O MATSUSHITA ELECTRIC IND.CO.LTD ; OSHIMA, MITSUAKI, C/O MATSUSHITA ELECTRIC IND.CO.L ; TANAKA, SHINICHI, C/O MATSUSHITA ELECTRIC IND.CO.L ; KOISHI, KENJI, C/O MATSUSHITA ELECTRIC IND.CO.LTD. ; MORIYA, MITSURO, C/O MATSUSHITA ELECTRIC IND.CO.L.		
EP 1006517	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01	
EP 1006517	P	20020110 EP REF	CORRESPONDS TO:	(ENTSPRICHT)
		DE 69617478 P	20020110	
EP 1006517	P	20020510 EP ET	FR: TRANSLATION FILED	(FR: TRADUCTION A ETE REMISE)
EP 1024478	P	19951009 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009	
EP 1024478	P	19960123 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 968910 A	19960123	
EP 1024478	P	19960809 EP AA	PRIORITY (PATENT APPLICATION)	

		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1024478	P	JP 96211304 A 19960809	
		19961008 EP AA	DIVIDED OUT OF
			(AUSSCHIEDUNG AUS)
EP 1024478	P	EP 96932845 A3 19961008	
		19961008 EP AE	EP-APPLICATION
			(EUROPAEISCHE ANMELDUNG)
EP 1024478	P	EP 2000102970 A 19961008	
		20000802 EP AC	DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:))
EP 1024478	P	EP 802527 P	
		20000802 EP AK	DESIGNATED CONTRACTING
			STATES IN AN APPLICATION WITH SEARCH REPORT:
			(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 1024478	P	DE FR GB	
		20000802 EP A1	PUBLICATION OF APPLICATION
			WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
			ANMELDUNG MIT RECHERCHENBERICHT)
EP 1024478	P	20000802 EP 17P	REQUEST FOR EXAMINATION
			FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1024478	P	20000301	
		20001115 EP RIN1	INVENTOR (CORRECTION)
			(ERFINDER (KORR.))
			OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA,
			SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ;
			TAKEMURA, YOSHINARI
EP 1024478	P	20001129 EP 17Q	FIRST EXAMINATION REPORT
			(ERSTER PRUEFUNGSBESCHIED)
EP 1024478	P	20001011	
		20010418 EP AKX	PAYMENT OF DESIGNATION FEES
			(ZAHLUNG VON BENENNUNGSGEBUHREN)
EP 1024478	P	DE FR GB	
		20011024 EP RAHF	DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
EP 1024478	P	EP 2001120681 A 20010903	
		20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS
			OF 2002-01-01
EP 1024478	P	20020102 EP AH	DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
EP 1024478	P	EP 1168328 P	
		20020502 EP AC	DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:))
EP 1024478	P	EP 802527 P	
		20020502 EP AHF	DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:))
EP 1024478	P	1168328	
		EP 2001120681 A 20010903	
		20020502 EP AK	DESIGNATED CONTRACTING
			STATES MENTIONED IN A PATENT SPECIFICATION:
			(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT
			VERTRAGSSTAATEN)
EP 1024478	P	DE FR GB	
		20020502 EP B1	PATENT SPECIFICATION
			(PATENTSCHRIFT)
EP 1024478	P	20020508 GB FG4D/REG	EUROPEAN PATENT GRANTED
EP 1024478	P	20020606 EP REF	CORRESPONDS TO:
			(ENTSPRICHT)
EP 1028422	P	DE 69621053 P 20020606	
		19951009 EP AA	PRIORITY (PATENT
			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1028422	P	JP 95261247 A 19951009	
		19960123 EP AA	PRIORITY (PATENT
			APPLICATION) (PRIORITAET (PATENTANMELDUNG))

			JP 968910 A 19960123
EP 1028422	P	19960515 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96915172 A3 19960515
EP 1028422	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000109898 A 19960515
EP 1028422	P	20000816 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
			EP 807929 P
EP 1028422	P	20000816 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB
EP 1028422	P	20000816 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1028422	P	20000816 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000510
EP 1028422	P	20010502 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
			DE FR GB
EP 1028422	P	20010704 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20010516
EP 1028423	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 95261247 A 19951009
EP 1028423	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 968910 A 19960123
EP 1028423	P	19960515 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96915172 A3 19960515
EP 1028423	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000109899 A 19960515
EP 1028423	P	20000816 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:))
			EP 807929 P
EP 1028423	P	20000816 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB
EP 1028423	P	20000816 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1028423	P	20000816 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000510
EP 1028423	P	20001227 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20001113
EP 1028423	P	20010502 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
			DE FR GB
EP 1030297	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 95261247 A 19951009
EP 1030297	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 968910 A 19960123

EP 1030297	P	19960515 EP AA	DIVIDED OUT OF (AUSSCHEIDUNG AUS)
		EP 96915172 A3	19960515
EP 1030297	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000110461 A	19960515
EP 1030297	P	20000823 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1030297	P	20000823 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB	
EP 1030297	P	20000823 EP AX	ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUHREN)
		AL;LT;LV;SI	
EP 1030297	P	20000823 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1030297	P	20000823 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000519	
EP 1030297	P	20010418 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		20010302	
EP 1030297	P	20010509 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
		DE FR GB	
EP 1031974	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009
EP 1031974	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A	19960123
EP 1031974	P	19960515 EP AA	DIVIDED OUT OF (AUSSCHEIDUNG AUS)
		EP 96915172 A3	19960515
EP 1031974	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000112310 A	19960515
EP 1031974	P	20000830 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1031974	P	20000830 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
		DE FR GB	
EP 1031974	P	20000830 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1031974	P	20000830 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000608	
EP 1031974	P	20001227 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		20001113	
EP 1031974	P	20010516 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
		DE FR GB	
EP 1031974	P	20010816 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1031974	P	20010816 EP AK	DESIGNATED CONTRACTING

STATES MENTIONED IN A PATENT SPECIFICATION:
(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
VERTRAGSSTAATEN)

		DE FR GB	
EP 1031974	P	20010816 EP B1	PATENT SPECIFICATION
		(PATENTSCHRIFT)	
EP 1031974	P	20010920 EP REF	CORRESPONDS TO:
		(ENTSPRICHT)	
		DE 69614580 P	20010920
EP 1031974	P	20011228 EP ET	FR: TRANSLATION FILED (FR:
		TRADUCTION A ETE REMISE)	
EP 1031974	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS
		OF 2002-01-01	
EP 1035693	P	19920925 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A	19920925
EP 1035693	P	19930325 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9366461 A	19930325
EP 1035693	P	19930510 EP AA	PRIORITY (PATENT
		APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 93132984 A	19930510
EP 1035693	P	19930924 EP AA	DIVIDED OUT OF
		(AUSSCHIEDUNG AUS)	
		EP 93307575 A3	19930924
EP 1035693	P	19930924 EP AE	EP-APPLICATION
		(EUROPAEISCHE ANMELDUNG)	
		EP 2000114572 A	19930924
EP 1035693	P	20000913 EP AC	DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 589709 P	
EP 1035693	P	20000913 EP AK	DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITHOUT SEARCH	
		REPORT: (IN EINER ANMELDUNG OHNE	
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL	
		PT SE	
EP 1035693	P	20000913 EP A2	PUBLICATION OF APPLICATION
		WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER	
		ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 1035693	P	20001011 EP 17P	REQUEST FOR EXAMINATION
		FILED (PRUEFUNGSANTRAG GESTELLT)	
		20000714	
EP 1035693	P	20001206 EP AK	DESIGNATED CONTRACTING
		STATES IN A SEARCH REPORT: (IN EINEM	
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL	
		PT SE	
EP 1035693	P	20001206 EP A3	SEPARATE PUBLICATION OF THE
		SEARCH REPORT (ART. 93) (GESONDERTE	
		VEROEFFENTLICHUNG DES RECHERCHENBERICHTS	
		(ART. 93))	
EP 1035693	P	20010822 EP AKX	PAYMENT OF DESIGNATION FEES
		(ZAHLUNG VON BENENNUNGSGEBUEHREN)	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL	
		PT SE	
EP 1035693	P	20010919 EP 17Q	FIRST EXAMINATION REPORT
		(ERSTER PRUEFUNGSBESCHIED)	
		20010806	
EP 1035693	P	20020410 EP RIC1	CLASSIFICATION (CORRECTION)
		(KLASSIFIKATION (KORR.))	
		7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26	
		B, 7H 04L 27/34 B	

EP 1035694	P	19920925 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A	19920925	
EP 1035694	P	19930325 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9366461 A	19930325	
EP 1035694	P	19930510 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 93132984 A	19930510	
EP 1035694	P	19930924 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)	
		EP 93307575 A3	19930924	
EP 1035694	P	19930924 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
		EP 2000114573 A	19930924	
EP 1035694	P	20000913 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 589709 P		
EP 1035694	P	20000913 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE		
EP 1035694	P	20000913 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 1035694	P	20001011 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	
		20000714		
EP 1035694	P	20001206 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE		
EP 1035694	P	20001206 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	
EP 1035694	P	20001206 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))	
		7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B		
EP 1035694	P	20010822 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE		
EP 1035694	P	20010919 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)	
		20010806		
EP 1035694	P	20020410 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))	
		7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B		
EP 1035695	P	19920925 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A	19920925	
EP 1035695	P	19930325 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9366461 A	19930325	

EP 1035695	P	19930510	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93132984 A	19930510
EP 1035695	P	19930924	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93307575 A3	19930924
EP 1035695	P	19930924	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114575 A	19930924
EP 1035695	P	20000913	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 589709 P	
EP 1035695	P	20000913	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1035695	P	20000913	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035695	P	20001011	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000714	
EP 1035695	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1035695	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035695	P	20001206	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B	
EP 1035695	P	20010822	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1035695	P	20010919	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20010806	
EP 1035695	P	20020410	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B	
EP 1035696	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070 A	19920925
EP 1035696	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9366461 A	19930325
EP 1035696	P	19930510	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93132984 A	19930510
EP 1035696	P	19930924	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93307575 A3	19930924
EP 1035696	P	19930924	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)

			EP 2000114577	A	19930924
EP 1035696	P	20000913	EP AC		DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 589709	P	
EP 1035696	P	20000913	EP AK		DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
					AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P	20000913	EP A2		PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035696	P	20001011	EP 17P		REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000714		
EP 1035696	P	20001206	EP AK		DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
					AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P	20001206	EP A3		SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035696	P	20001206	EP RIC1		CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
					7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1035696	P	20010822	EP AKX		PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
					AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P	20010919	EP 17Q		FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			20010806		
EP 1035696	P	20020410	EP RIC1		CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
					7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1035696	P	20020417	EP RIC1		CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
					7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1035696	P	20020417	EP RTI1		TITLE (CORRECTION) (TITEL (KORR.))
					MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
EP 1035697	P	19920925	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
					JP 92256070 A 19920925
EP 1035697	P	19930325	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
					JP 9366461 A 19930325
EP 1035697	P	19930510	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
					JP 93132984 A 19930510
EP 1035697	P	19930924	EP AA		DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93307575	A3	19930924
EP 1035697	P	19930924	EP AE		EP-APPLICATION (EUROPAEISCHE ANMELDUNG)

			EP 2000114578 A 19930924
EP 1035697	P	20000913 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 589709 P	
EP 1035697	P	20000913 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035697	P	20000913 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035697	P	20001011 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000714	
EP 1035697	P	20001206 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035697	P	20001206 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035697	P	20001206 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1035697	P	20010822 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035697	P	20010919 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		20010806	
EP 1035697	P	20020410 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1035698	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035698	P	19930325 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070 A 19920925
EP 1035698	P	19930510 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9366461 A 19930325
EP 1035698	P	19930924 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93307575 A3 19930924
EP 1035698	P	19930924 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114579 A 19930924
EP 1035698	P	20000913 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 589709 P	
EP 1035698	P	20000913 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)

			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035698	P	20000913	EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035698	P	20001011	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035698	P	20001206	EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035698	P	20001206	EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035698	P	20001206	EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1035698	P	20010822	EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035698	P	20010919	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20010806
EP 1035698	P	20020410	EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039672	P	19920925	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070 A 19920925
EP 1039672	P	19930325	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9366461 A 19930325
EP 1039672	P	19930510	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93132984 A 19930510
EP 1039672	P	19930924	EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93307575 A3 19930924
EP 1039672	P	19930924	EP AE EP-APPLICATION ((EUROPÄISCHE ANMELDUNG)
			EP 2000114576 A 19930924
EP 1039672	P	20000927	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)) EP 589709 P
EP 1039672	P	20000927	EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039672	P	20000927	EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039672	P	20000927	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712

EP 1039672	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039672	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039672	P	20001206	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1039672	P	20010822	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039672	P	20010919	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20010806
EP 1039672	P	20020410	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039673	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9267934 A 19920326
EP 1039673	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039673	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93302369 A3 19930326
EP 1039673	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114689 A 19930326
EP 1039673	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039673	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039673	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039673	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039673	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039673	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039673	P	20010530	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)

		20010412	
EP 1039673	P	20010822 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039673	P	20010919 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039673	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039673	P	20020424 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039673	P	20020424 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039673	P	20020424 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039673	P	20020424 GB FG4D/REG	EUROPEAN PATENT GRANTED
EP 1039673	P	20020424 EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 216812 R 20020515
EP 1039673	P	20020430 CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039673	P	20020529 EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69331853 P 20020529
EP 1039673	P	20020614 CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039674	P	19920326 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9267934 A 19920326
EP 1039674	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039674	P	19930326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93302369 A3 19930326
EP 1039674	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114690 A 19930326
EP 1039674	P	20000927 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039674	P	20000927 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039674	P	20000927 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039674	P	20000927 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039674	P	20001206 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)

			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039674	P	20001206 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039674	P	20010530 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
EP 1039674	P	20010822 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039674	P	20010919 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039674	P	20010926 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039674	P	20010926 EP RTI1	TITLE (CORRECTION) (TITEL (KORR.)) MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH MULTICARRIER SIGNALS
EP 1039674	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039674	P	20020424 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039674	P	20020424 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039674	P	20020424 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039674	P	20020424 GB FG4D/REG	EUROPEAN PATENT GRANTED
EP 1039674	P	20020424 EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 216813 R 20020515
EP 1039674	P	20020430 CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039674	P	20020529 EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69331854 P 20020529
EP 1039674	P	20020614 CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039675	P	19920326 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9267934 A 19920326
EP 1039675	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039675	P	19930326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93302369 A3 19930326
EP 1039675	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114692 A 19930326
EP 1039675	P	20000927 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P

EP 1039675	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039675	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				20000712
EP 1039675	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039675	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
				20010302
EP 1039675	P	20010822	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039675	P	20020306	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
				EP 562875 P
EP 1039675	P	20020306	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	P	20020306	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039675	P	20020306	EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
				AT 214214 R 20020315
EP 1039675	P	20020315	CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039675	P	20020411	EP REF	CORRESPONDS TO: (ENTSPRICHT)
				DE 69331667 P 20020411
EP 1039675	P	20020417	IE FG4D/REG	EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP 1039675	P	20020614	CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI)
				NOVAGRAAF INTERNATIONAL SA
EP 1039675	P	20020624	DK T3/REG	TRANSLATION OF EP PATENT
EP 1039676	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9267934 A 19920326
EP 1039676	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 92256070 A 19920925
EP 1039676	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)

			EP 93302369 A3 19930326
EP 1039676	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114694 A 19930326
EP 1039676	P	20000927 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875 P
EP 1039676	P	20000927 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039676	P	20000927 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039676	P	20000927 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000712
EP 1039676	P	20001206 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039676	P	20001206 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039676	P	20010530 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			20010412
EP 1039676	P	20010822 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039676	P	20010919 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039676	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039676	P	20020424 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875 P
EP 1039676	P	20020424 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039676	P	20020424 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039676	P	20020424 GB FG4D/REG	EUROPEAN PATENT GRANTED
EP 1039676	P	20020424 EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
			AT 216814 R 20020515
EP 1039676	P	20020430 CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039676	P	20020529 EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69331855 P 20020529
EP 1039676	P	20020614 CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI)
			NOVAGRAAF INTERNATIONAL SA
EP 1039677	P	19920326 EP AA	PRIORITY (PATENT

		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1039677	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1039677	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)	
EP 1039677	P	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
EP 1039677	P	EP 2000114696 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
EP 1039677	P	EP 562875 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)	
EP 1039677	P	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 1039677	P	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712	
EP 1039677	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)	
EP 1039677	P	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	
EP 1039677	P	20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412	
EP 1039677	P	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039677	P	20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B	
EP 1039677	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01	
EP 1039677	P	20020424 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P	
EP 1039677	P	20020424 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039677	P	20020424 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)	
EP 1039677	P	20020424 GB FG4D/REG EUROPEAN PATENT GRANTED	
EP 1039677	P	20020424 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 216815 R 20020515	
EP 1039677	P	20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE	

EP 1039677	P	20020529	EP REF	(EINTRITT IN DIE NATIONALE PHASE) CORRESPONDS TO: (ENTSPRICHT) DE 69331856 P 20020529
EP 1039677	P	20020614	CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039678	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039678	P	19920925	EP AA	JP 9267934 A 19920326 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039678	P	19930326	EP AA	JP 92256070 A 19920925 DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93302369 A3 19930326
EP 1039678	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114697 A 19930326
EP 1039678	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039678	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 1039678	P	20000927	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039678	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039678	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 1039678	P	20001206	EP A3	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039678	P	20010530	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20010412
EP 1039678	P	20010822	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039678	P	20010919	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039678	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039678	P	20020424	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039678	P	20020424	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)

		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039678	P	20020424	EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039678	P	20020424	GB FG4D/REG EUROPEAN PATENT GRANTED
EP 1039678	P	20020424	EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 216816 R 20020515
EP 1039678	P	20020430	CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039678	P	20020529	EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69331857 P 20020529
EP 1039678	P	20020614	CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039679	P	19920326	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9267934 A 19920326
EP 1039679	P	19920925	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039679	P	19930326	EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93302369 A3 19930326
EP 1039679	P	19930326	EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114698 A 19930326
EP 1039679	P	20000927	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039679	P	20000927	EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE			
EP 1039679	P	20000927	EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039679	P	20000927	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039679	P	20001206	EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE			
EP 1039679	P	20001206	EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039679	P	20010530	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20010412
EP 1039679	P	20010822	EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	20010919	EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B

EP 1039679	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039679	P	20020424	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039679	P	20020424	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	20020424	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039679	P	20020424	GB FG4D/REG	EUROPEAN PATENT GRANTED
EP 1039679	P	20020424	EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 216817 R 20020515
EP 1039679	P	20020430	CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039679	P	20020529	EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69331858 P 20020529
EP 1039679	P	20020614	CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039680	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9267934 A 19920326
EP 1039680	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039680	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93302369 A3 19930326
EP 1039680	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114699 A 19930326
EP 1039680	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039680	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039680	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039680	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039680	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039680	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039680	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)

20010302

EP 1039680	P	20010822	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039680	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039680	P	20020306	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039680	P	20020306	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039680	P	20020306	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039680	P	20020306	EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 214215 R 20020315
EP 1039680	P	20020315	CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039680	P	20020411	EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69331668 P 20020411
EP 1039680	P	20020417	IE FG4D/REG	EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP 1039680	P	20020614	CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039680	P	20020624	DK T3/REG	TRANSLATION OF EP PATENT
EP 1039681	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9267934 A 19920326
EP 1039681	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039681	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93302369 A3 19930326
EP 1039681	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114701 A 19930326
EP 1039681	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039681	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039681	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039681	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039681	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL

			PT SE	
EP 1039681	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039681	P	20001206	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04N 7/24 B
EP 1039681	P	20010530	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20010412
EP 1039681	P	20010822	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039681	P	20010919	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039681	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039681	P	20020417	EP RTI1	TITLE (CORRECTION) (TITEL (KORR.)) MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH MULTICARRIER SIGNALS
EP 1039681	P	20020424	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039681	P	20020424	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039681	P	20020424	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039681	P	20020424	GB FG4D/REG	EUROPEAN PATENT GRANTED
EP 1039681	P	20020424	EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 216818 R 20020515
EP 1039681	P	20020430	CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039681	P	20020529	EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69331859 P 20020529
EP 1039681	P	20020614	CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039682	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9267934 A 19920326
EP 1039682	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039682	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93302369 A3 19930326
EP 1039682	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114702 A 19930326
EP 1039682	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P

EP 1039682	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039682	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				20000712
EP 1039682	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039682	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
				20010302
EP 1039682	P	20010704	EP RT11	TITEL (CORRECTION) (TITEL (KORR.))
				MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
EP 1039682	P	20010822	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039682	P	20020306	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
				EP 562875 P
EP 1039682	P	20020306	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20020306	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039682	P	20020306	EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
				AT 214216 R 20020315
EP 1039682	P	20020315	CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039682	P	20020411	EP REF	CORRESPONDS TO: (ENTSPRICHT)
				DE 69331669 P 20020411
EP 1039682	P	20020417	IE FG4D/REG	EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP 1039682	P	20020614	CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI)
				NOVAGRAAF INTERNATIONAL SA
EP 1039682	P	20020624	DK T3/REG	TRANSLATION OF EP PATENT
EP 1045541	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9267934 A 19920326
EP 1045541	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 92256070 A 19920925
 EP 1045541 P 19930326 EP AA DIVIDED OUT OF
 (AUSSCHIEDUNG AUS)
 EP 93302369 A3 19930326
 EP 1045541 P 19930326 EP AE EP-APPLICATION
 (EUROPAEISCHE ANMELDUNG)
 EP 2000114700 A 19930326
 EP 1045541 P 20001018 EP AC DIVISIONAL APPLICATION (ART.
 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
 EP 562875 P
 EP 1045541 P 20001018 EP AK DESIGNATED CONTRACTING
 STATES IN AN APPLICATION WITHOUT SEARCH
 REPORT: (IN EINER ANMELDUNG OHNE
 RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
 AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
 PT SE
 EP 1045541 P 20001018 EP A2 PUBLICATION OF APPLICATION
 WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
 ANMELDUNG OHNE RECHERCHENBERICHT)
 EP 1045541 P 20001018 EP 17P REQUEST FOR EXAMINATION
 FILED (PRUEFUNGSANTRAG GESTELLT)
 20000712
 EP 1045541 P 20001206 EP AK DESIGNATED CONTRACTING
 STATES IN A SEARCH REPORT: (IN EINEM
 RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
 AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
 PT SE
 EP 1045541 P 20001206 EP A3 SEPARATE PUBLICATION OF THE
 SEARCH REPORT (ART. 93) (GESONDERTE
 VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
 (ART. 93))
 EP 1045541 P 20010418 EP 17Q FIRST EXAMINATION REPORT
 (ERSTER PRUEFUNGSBESCHIED)
 20010302
 EP 1045541 P 20010822 EP AKX PAYMENT OF DESIGNATION FEES
 (ZAHLUNG VON BENENNUNGSGEBUHREN)
 AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
 PT SE
 EP 1045541 P 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
 OF 2002-01-01
 EP 1045541 P 20020306 EP AC DIVISIONAL APPLICATION (ART.
 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
 EP 562875 P
 EP 1045541 P 20020306 EP AK DESIGNATED CONTRACTING
 STATES MENTIONED IN A PATENT SPECIFICATION:
 (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT
 VERTRAGSSTAATEN)
 AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
 PT SE
 EP 1045541 P 20020306 EP B1 PATENT SPECIFICATION
 (PATENTSCHRIFT)
 EP 1045541 P 20020306 EP REF IN AUSTRIA REGISTERED AS:
 (IN AT EINGETRAGEN ALS:)
 AT 214217 R 20020315
 EP 1045541 P 20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE
 (EINTRITT IN DIE NATIONALE PHASE)
 EP 1045541 P 20020411 EP REF CORRESPONDS TO:
 (ENTSPRICHT)
 DE 69331670 P 20020411
 EP 1045541 P 20020417 IE FG4D/REG EUROPEAN PATENTS GRANTED
 DESIGNATING IRELAND
 EP 1045541 P 20020614 CH NV/REG NEW AGENT (NEUER
 VERTRETER/NOUVEAUX MANDATAIRES/NUOVI
 MANDATARI)
 NOVAGRAAF INTERNATIONAL SA

EP 1045541	P	20020624	DK T3/REG	TRANSLATION OF EP PATENT
EP 1049282	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070	A 19920925
EP 1049282	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9366461	A 19930325
EP 1049282	P	19930510	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93132984	A 19930510
EP 1049282	P	19930924	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93307575	A3 19930924
EP 1049282	P	19930924	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114574	A 19930924
EP 1049282	P	20001102	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 589709	P
EP 1049282	P	20001102	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1049282	P	20001102	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1049282	P	20001102	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000712	
EP 1049282	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1049282	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1049282	P	20001206	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B	
EP 1049282	P	20010822	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1049282	P	20010919	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20010806	
EP 1049282	P	20020410	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B	
EP 1049283	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9267934	A 19920326
EP 1049283	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

			JP 92256070 A 19920925
EP 1049283	P	19930326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93302369 A3 19930326
EP 1049283	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114693 A 19930326
EP 1049283	P	20001102 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875 P
EP 1049283	P	20001102 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049283	P	20001102 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1049283	P	20001102 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000712
EP 1049283	P	20001206 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049283	P	20001206 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1049283	P	20010530 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20010412
EP 1049283	P	20010822 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049283	P	20010919 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
			7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1049283	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1049283	P	20020424 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875 P
EP 1049283	P	20020424 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049283	P	20020424 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1049283	P	20020424 GB FG4D/REG	EUROPEAN PATENT GRANTED
EP 1049283	P	20020424 EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
			AT 216819 R 20020515
EP 1049283	P	20020430 CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1049283	P	20020529 EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69331860 P 20020529
EP 1049283	P	20020614 CH NV/REG	NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI

			MANDATARI)
			NOVAGRAAF INTERNATIONAL SA
EP 1049284	P	19920326	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9267934 A 19920326
EP 1049284	P	19920925	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070 A 19920925
EP 1049284	P	19930326	EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93302369 A3 19930326
EP 1049284	P	19930326	EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114695 A 19930326
EP 1049284	P	20001102	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875 P
EP 1049284	P	20001102	EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049284	P	20001102	EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1049284	P	20001102	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000712
EP 1049284	P	20001206	EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049284	P	20001206	EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1049284	P	20010418	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20010302
EP 1049284	P	20010822	EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049284	P	20020101	GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1049284	P	20020306	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875 P
EP 1049284	P	20020306	EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049284	P	20020306	EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1049284	P	20020306	EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
			AT 214218 R 20020315
EP 1049284	P	20020315	CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1049284	P	20020411	EP REF CORRESPONDS TO:

		(ENTSPRICHT)	
		DE 69331671 P 20020411	
EP 1049284	P	20020417 IE FG4D/REG EUROPEAN PATENTS GRANTED	
		DESIGNATING IRELAND	
EP 1049284	P	20020614 CH NV/REG NEW AGENT (NEUER	
		VERTRETER/NOUVEAUX MANDATAIRES/NUOVI	
		MANDATARI)	
		NOVAGRAAF INTERNATIONAL SA	
EP 1049284	P	20020624 DK T3/REG TRANSLATION OF EP PATENT	
EP 1049334	P	19910327 EP AA PRIORITY (PATENT	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 9162798 A 19910327	
EP 1049334	P	19910425 EP AA PRIORITY (PATENT	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 9195813 A 19910425	
EP 1049334	P	19910529 EP AA PRIORITY (PATENT	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 91155650 A 19910529	
EP 1049334	P	19910723 EP AA PRIORITY (PATENT	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 91182236 A 19910723	
EP 1049334	P	19920317 EP AA PRIORITY (PATENT	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 9260739 A 19920317	
EP 1049334	P	19920326 EP AA DIVIDED OUT OF	
		(AUSSCHIEDUNG AUS)	
		EP 92302627 A3 19920326	
EP 1049334	P	19920326 EP AA DIVIDED OUT OF	
		(AUSSCHIEDUNG AUS)	
		EP 96119060 A3 19920326	
EP 1049334	P	19920326 EP AE EP-APPLICATION	
		(EUROPAEISCHE ANMELDUNG)	
		EP 2000114691 A 19920326	
EP 1049334	P	20001102 EP AC DIVISIONAL APPLICATION (ART.	
		76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 506400 P	
EP 1049334	P	20001102 EP AC DIVISIONAL APPLICATION (ART.	
		76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 766478 P	
EP 1049334	P	20001102 EP AK DESIGNATED CONTRACTING	
		STATES IN AN APPLICATION WITH SEARCH REPORT:	
		(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)	
		DE FR GB NL	
EP 1049334	P	20001102 EP A1 PUBLICATION OF APPLICATION	
		WITH SEARCH REPORT (VEROEFFENTLICHUNG DER	
		ANMELDUNG MIT RECHERCHENBERICHT)	
EP 1049334	P	20001102 EP 17P REQUEST FOR EXAMINATION	
		FILED (PRUEFUNGSANTRAG GESTELLT)	
		20000715	
EP 1049334	P	20001220 EP K1C1 CORRECTION OF PATENT	
		APPLICATION (TITLE PAGE) PUBLISHED	
		(BERICHTIGUNG DER PATENTANMELDUNG	
		(TITELSEITE) ERSCHIENEN)	
		20001102	
EP 1049334	P	20001220 EP RPR1 PRIORITY (CORRECTION)	
		(PRIORITAET (KORR.))	
		JP 19910327 6279891 ; JP 19910425 9581391 ;	
		JP 19910529 15565091 ; JP 19910723 18223691 ;	
		JP 19920317 6073992	
EP 1049334	P	20010718 EP AKX PAYMENT OF DESIGNATION FEES	
		(ZAHLUNG VON BENENNUNGSGEBUHREN)	
		DE FR GB NL	
EP 1050879	P	19930727 EP AA PRIORITY (PATENT	

		APPLICATION)	(PRIORITAET	(PATENTANMELDUNG))
EP 1050879	P	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))		
EP 1050879	P	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))		
EP 1050879	P	JP 93314114 A 19931119 19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))		
EP 1050879	P	JP 94104879 A 19940418 19940707 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))		
EP 1050879	P	JP 94156089 A 19940707 19940727 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)		
EP 1050879	P	EP 94305557 A3 19940727 19940727 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)		
EP 1050879	P	EP 2000115017 A 19940727 20001108 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)		
EP 1050879	P	EP 637016 P 20001108 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)		
EP 1050879	P	BE CH DE FR GB IT LI NL 20001108 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)		
EP 1120777	P	19941117 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))		
EP 1120777	P	JP 94283415 A 19941117 19950202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))		
EP 1120777	P	JP 9516153 A 19950202 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))		
EP 1120777	P	JP 95261247 A 19951009 19951116 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)		
EP 1120777	P	EP 95938017 A3 19951116 19951116 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)		
EP 1120777	P	EP 2001108949 A 19951116 20010801 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)		
EP 1120777	P	EP 741382 P 20010801 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)		
EP 1120777	P	DE FR GB 20010801 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)		
EP 1120777	P	20010801 EP 17P REQUEST FOR EXAMINATION		

FILED (PRUEFUNGSANTRAG GESTELLT)
20010410

EP 1120777	P	20011010	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1120777	P	20011010	EP A3	DE FR GB SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1120777	P	20011010	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7G 11B 20/00 A, 7G 06F 1/00 B, 7G 11B 7/00 B, 7G 11B 27/30 B, 7G 11B 23/28 B, 7G 11B 13/04 B, 7G 11B 11/105 B, 7G 11B 19/02 B, 7G 11B 19/12 B, 7G 11B 7/007 B, 7G 11B 7/26 B, 7G 11B 20/12 B, 7G 11B 27/10 B
EP 1120777	P	20020703	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1154608	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1154608	P	19920925	EP AA	JP 9267934 A 19920326 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1154608	P	19930326	EP AA	JP 92256070 A 19920925 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1154608	P	19930326	EP AE	EP 93302369 A3 19930326 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1154608	P	20011114	EP AC	EP 2001118510 A 19930326 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1154608	P	20011114	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1154608	P	20011114	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1168328	P	19951009	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1168328	P	19960123	EP AA	JP 95261247 A 19951009 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1168328	P	19960809	EP AA	JP 968910 A 19960123 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1168328	P	19961008	EP AA	JP 96211304 A 19960809 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1168328	P	19961008	EP AA	EP 96932845 A3 19961008 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1168328	P	19961008	EP AE	EP 2000102970 A3 19961008 EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2001120681 A 19961008

EP 1168328	P	20020102	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 802527	P
EP 1168328	P	20020102	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 1024478	P
EP 1168328	P	20020102	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB	
EP 1168328	P	20020102	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1168328	P	20020102	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20010919	
EP 1168328	P	20020424	EP R1N1	INVENTOR (CORRECTION) (ERFINDER (KORR.))
				OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI

JAPAN (JP)

Patent (No,Kind,Date): JP 5250756 A2 19930928
 RECORDER/REPRODUCER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9250328 A 19920309
 Applic (No,Kind,Date): JP 9250328 A 19920309
 IPC: * G11B-013/04; G11B-013/00
 JAPIO Reference No: ; 180014P000119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 5307788 A2 19931119
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 92111176 A 19920430
 Applic (No,Kind,Date): JP 92111176 A 19920430
 IPC: * G11B-013/04; G11B-013/00
 JAPIO Reference No: ; 180121P000165
 Language of Document: Japanese

Patent (No,Kind,Date): JP 5327807 A2 19931210
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9162798 A1 19910327; JP 9195813 A1 19910425; JP 91155650 A1 19910529; JP 91182236 A1 19910723; JP 9260739 A1 19920317
 Applic (No,Kind,Date): JP 9268935 A 19920327
 IPC: * H04L-027/36; H04J-003/00; H04J-011/00; H04L-027/38; H04N-007/00 ; H04N-007/13; H04N-007/20
 JAPIO Reference No: ; 180152E000002
 Language of Document: Japanese

Patent (No,Kind,Date): JP 6036387 A2 19940210
 RECORDING/REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 92194450 A 19920722
 Applic (No,Kind,Date): JP 92194450 A 19920722
 IPC: * G11B-013/04; G11B-013/00
 JAPIO Reference No: ; 180264P000063
 Language of Document: Japanese

Patent (No,Kind,Date): JP 6164665 A2 19940610
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9368545 A 19930326; JP 9267934 A

19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 9368545 A 19930326
 IPC: * H04L-027/36; H04L-027/38; H04L-027/00; H04N-005/40; H04N-007/00
 ; H04N-007/20; H04N-011/04
 Derwent WPI Acc No: * G 93-305235; G 94-103292
 JAPIO Reference No: * 180486E000144; 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 6180888 A2 19940628
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9334656 A 19930128; JP 9213809 A
 19920129; JP 9268031 A 19920326; JP 92280874 A 19920925
 Applic (No,Kind,Date): JP 9334656 A 19930128
 IPC: * G11B-013/00; G11B-013/04; G11B-011/10
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180522P000136; 180522P000136
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 6231509 A2 19940819
 RECORDING/REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
 ; SHIMIZU RYOSUKE
 Priority (No,Kind,Date): JP 9363428 A 19930226; JP 9242558 A
 19920228; JP 92282666 A 19921021; JP 92331300 A 19921211
 Applic (No,Kind,Date): JP 9363428 A 19930226
 IPC: * G11B-013/04; G11B-005/127; G11B-005/82; G11B-013/00;
 G11B-023/40
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180618P000070; 180618P000070
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 6231510 A2 19940819
 RECORDING/REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
 ; SHIMIZU RYOSUKE
 Priority (No,Kind,Date): JP 9392247 A 19930326; JP 9268031 A
 19920326; JP 92280874 A 19920925; JP 92282666 A 19921021; JP
 92331300 A 19921211
 Applic (No,Kind,Date): JP 9392247 A 19930326
 IPC: * G11B-013/04; G11B-005/127; G11B-005/82; G11B-013/00;
 G11B-023/40
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180522P000136; 180618P000070; 180618P000070
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7093962 A2 19950407
 INFORMATION RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; TAN SATOSHI; KUWAMOTO MAKOTO
 Priority (No,Kind,Date): JP 93300723 A 19931201; JP 92321063 A
 19921201; JP 938596 A 19930121; JP 93205682 A 19930727
 Applic (No,Kind,Date): JP 93300723 A 19931201
 IPC: * G11B-033/02; G11B-017/04; G11B-025/10
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 94-250560; G 95-116722
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7099522 A2 19950411
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 93261611 A 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 93261611 A 19930924
 IPC: * H04L-027/34; H04B-001/66; H04B-014/04
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese

Patent (No,Kind,Date): JP 7235097 A2 19950905
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIO;
 YOSHIURA TSUKASA
 Priority (No,Kind,Date): JP 93351425 A 19931228; JP 938596 A
 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A
 19931119; JP 93333874 A 19931227; JP 93333392 A 19931227; JP
 93333403 A 19931227; JP 93349972 A 19931227
 Applic (No,Kind,Date): JP 93351425 A 19931228
 IPC: * G11B-013/04; G11B-005/02
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 94-250560; G 94-342258; G 95-116722; G 95-341616
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7235098 A2 19950905
 INFORMATION RECORDING MEDIUM AND ITS MANUFACTURE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
 Priority (No,Kind,Date): JP 93351426 A 19931228; JP 938596 A
 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
 9391011 A 19930419; JP 93205682 A 19930727; JP 93297504 A
 19931102; JP 93314114 A 19931119; JP 93333855 A 19931227
 Applic (No,Kind,Date): JP 93351426 A 19931228
 IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/40
 Derwent WPI Acc No: ; G 95-341616
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7235099 A2 19950905
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIO;
 YOSHIURA TSUKASA; KAMIKADO TOSHIKAZU; TAN SATOSHI
 Priority (No,Kind,Date): JP 9422135 A 19940121; JP 938596 A
 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A
 19931119; JP 93333874 A 19931227; JP 93333392 A 19931227; JP
 93333403 A 19931227; JP 93349972 A 19931227
 Applic (No,Kind,Date): JP 9422135 A 19940121
 IPC: * G11B-013/04; G11B-020/12; G11B-020/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 94-250560; G 94-342258; G 95-116722; G 95-341616
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7249227 A2 19950926
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 94195853 A 19940727; JP 93205682 A
 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
 93349972 A 19931227; JP 9422191 A 19940120
 Applic (No,Kind,Date): JP 94195853 A 19940727
 IPC: * G11B-007/00; G11B-007/007; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 94-342258; G
 95-116722; G 95-246541; G 95-341616; G 96-062972; G 98-181451
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7264148 A2 19951013
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9479668 A 19940324
 Applic (No,Kind,Date): JP 9479668 A 19940324
 IPC: * H04H-001/00; H04N-007/01; H04N-007/24
 Derwent WPI Acc No: * G 95-387959; G 95-387959
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7320333 A2 19951208
 RECORDING/REPRODUCING APPARATUS AND RECORDING MEDIUM AND ITS
 MANUFACTURE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI

Priority (No,Kind,Date): JP 9422158 A 19940121; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP 93333855 A 19931227
 Applic (No,Kind,Date): JP 9422158 A 19940121
 IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/30
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 94-250560; G 95-116722; G 95-341616; G 96-062972; G 96-062972
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7322219 A2 19951208
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9479432 A 19940325; JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
 Applic (No,Kind,Date): JP 9479432 A 19940325
 IPC: * H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 8212560 A2 19960820
 OPTICAL RECORDING MEDIUM AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): UENO FUMIAKI; OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 94327805 A 19941228; JP 93335165 A 19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 94299508 A 19941202
 Applic (No,Kind,Date): JP 94327805 A 19941228
 IPC: * G11B-007/007; B41M-005/26; G11B-007/00; G11B-007/24; G11B-007/26; G11B-013/04; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 8212681 A2 19960820
 RECORDING/REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9516865 A 19950203
 Applic (No,Kind,Date): JP 9516865 A 19950203
 IPC: * G11B-019/04; G11B-007/00; G11B-013/04; G11B-019/02; G11B-020/10
 Derwent WPI Acc No: * G 95-373939
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 8273164 A2 19961018
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI
 Priority (No,Kind,Date): JP 9592116 A 19950418; JP 94104879 A 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP 9515318 A 19950201; JP 9516153 A 19950202
 Applic (No,Kind,Date): JP 9592116 A 19950418
 IPC: * G11B-007/00; G11B-007/007; G11B-007/24; G11B-007/26; G11B-013/04; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 96-268785; G 01-018026
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 10233019 A2 19980902
 OPTICAL DISK, OPTICAL DISK MANUFACTURING DEVICE AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): KONISHI SHINICHI; OSHIMA MITSUAKI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO; GOTOU YOSHITOSHI; TAKEMURA YOSHIYA
 Priority (No,Kind,Date): JP 979318 A 19970122; JP 968110 A 19960122; JP 968910 A 19960123; JP 96339304 A 19961219; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 979318 A 19970122
 IPC: * G11B-007/00; G11B-007/007; G11B-007/24; G11B-020/10
 Derwent WPI Acc No: * G 97-236117; G 97-236119; G 98-363034
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 11162031 A2 19990618

OPTICAL DISK, METHOD FOR RECORDING/REPRODUCING OPTICAL DISK DRAW INFORMATION, OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK RECORDING/REPRODUCING DEVICE, OPTICAL DISK DRAW INFORMATION RECORDER AND OPTICAL DISK RECORDER (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): MIYATAKE NORIO; MURAKAMI MOTOYOSHI; OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 97351243 A 19971219; JP 96339304 A 19961219; JP 97259110 A 19970924

Applic (No,Kind,Date): JP 97351243 A 19971219

IPC: * G11B-011/10; G11B-007/00; G11B-007/007; G11B-007/24; G11B-013/00; G11B-020/10

Derwent WPI Acc No: * G 98-363034

Language of Document: Japanese

Patent (No,Kind,Date): JP 2000032074 A2 20000128

TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND RECEPTION METHOD (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 99169243 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317

Applic (No,Kind,Date): JP 99169243 A 19990616

IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731

JAPIO Reference No: * 180152E000002

Language of Document: Japanese

Patent (No,Kind,Date): JP 2000032075 A2 20000128

TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND RECEPTION METHOD (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 99169244 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317

Applic (No,Kind,Date): JP 99169244 A 19990616

IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731

JAPIO Reference No: * 180152E000002

Language of Document: Japanese

Patent (No,Kind,Date): JP 2000032076 A2 20000128

TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND RECEPTION METHOD (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 99169245 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317

Applic (No,Kind,Date): JP 99169245 A 19990616

IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20

Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731

JAPIO Reference No: * 180152E000002

Language of Document: Japanese

Patent (No,Kind,Date): JP 2000032077 A2 20000128

TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND RECEPTION METHOD (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 99169246 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP

91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169246 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000032078 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
 RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169247 A 19990616; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169247 A 19990616
 IPC: * H04L-027/36; H04L-027/38; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000032079 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
 RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169248 A 19990616; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169248 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000076659 A2 20000314
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 99257252 A 19990910; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257252 A 19990910
 IPC: * G11B-007/007; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000076662 A2 20000314
 OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK AND MANUFACTURE OF
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 99257248 A 19990910; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257248 A 19990910
 IPC: * G11B-007/085; G11B-007/004; G11B-007/24; G11B-019/04;
 G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000076705 A2 20000314
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;

KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 99257245 A 19990910; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257245 A 19990910
 IPC: * G11B-007/24; G11B-019/04; G11B-020/10; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000076791 A2 20000314
 OPTICAL DISK, OPTICAL DISK RECORDING METHOD AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 99257247 A 19990910; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257247 A 19990910
 IPC: * G11B-020/10; G11B-007/007; G11B-020/12; G11B-020/18
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000078222 A2 20000314
 TRANSMITTER, RECEIVER, TRANSMITTING DEVICE, TRANSMISSION METHOD AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99200091 A 19990714; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99200091 A 19990714
 IPC: * H04L-027/34; H04J-003/00; H04J-015/00; H04L-027/36; H04L-027/38; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000106579 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289582 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289582 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000106580 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289583 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289583 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000106581 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289584 A 19991012; JP 9162798 A

19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289584 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000106582 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289585 A 19991012; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289585 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000106583 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289586 A 19991012; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289586 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/015
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000149423 A2 20000530
 REPRODUCER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No,Kind,Date): JP 99373897 A 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373897 A 19961008
 IPC: * G11B-020/10; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000156037 A2 20000606
 RECORDING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373901 A 19991228
 IPC: * G11B-020/10; G11B-007/0045; G11B-007/24
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000173062 A2 20000623
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No,Kind,Date): JP 99373902 A 19960810; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373902 A 19960810
 IPC: * G11B-007/007; G06F-012/14; G11B-020/10

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000173063 A2 20000623
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): JP 99375208 A 19991228
 IPC: * G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000173179 A2 20000623
 REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373898 A 19991228
 IPC: * G11B-020/10; G06F-012/14; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000215603 A2 20000804
 RECORDING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373896 A 19991228
 IPC: * G11B-020/10; G11B-007/0045; G11B-019/04
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000222729 A2 20000811
 MARKING PRODUCING DEVICE, OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK
 MANUFACTURING METHOD AND OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): JP 99257251 A 19990910
 IPC: * G11B-007/004; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000222739 A2 20000811
 OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): JP 99257250 A 19990910
 IPC: * G11B-007/005; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000222743 A2 20000811
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): JP 99375209 A 19991228
 IPC: * G11B-007/007; G11B-007/005; G11B-007/24; G11B-020/10;
 G11B-020/12

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000222782 A2 20000811
 OPTICAL DISK, OPTICAL DISK RECORDER AND OPTICAL DISK REPRODUCING DEVICE
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): JP 99257246 A 19990910
 IPC: * G11B-007/24; G11B-007/004; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000222783 A2 20000811
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): JP 99257249 A 19990910
 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000228016 A2 20000815
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No,Kind,Date): JP 99373899 A 19960810; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373899 A 19960810
 IPC: * G11B-007/007; G06F-012/14; G11B-019/04; G11B-020/10;
 G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000228062 A2 20000815
 RECORDER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373900 A 19991228
 IPC: * G11B-020/10; G06K-019/06; G06K-019/04; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000299677 A2 20001024
 TRANSMITTER, RECEIVER, TRANSMISSION SYSTEM, TRANSMITTING METHOD AND
 RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 200085410 A 20000324; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 200085410 A 20000324
 IPC: * H04J-011/00; H04J-003/00; H04L-001/00; H04L-027/34; H04L-027/02
 ; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-005/46;
 H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000312195 A2 20001107
 SENDING DEVICE, RECEPTION DEVICE, TRANSMISSION DEVICE, SENDING METHOD

AND RECEIVING METHOD (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 200085407 A 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): JP 200085407 A 19930326

IPC: * H04J-011/00; H04J-003/00; H04L-001/00; H04L-027/34; H04L-027/02; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-005/46; H04N-005/78; H04N-005/7826; H04N-005/92; H04N-007/00; H04H-001/00; H04N-007/24; H04N-007/20

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441

JAPIO Reference No: * 180486E000144

Language of Document: Japanese

Patent (No,Kind,Date): JP 2000312196 A2 20001107

TRANSMITTER, RECEIVER AND TRANSMISSION METHOD (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 200085408 A 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): JP 200085408 A 19930326

IPC: * H04J-011/00; H04J-003/00; H04L-027/34; H04N-005/38; H04N-005/445; H04N-007/08; H04N-007/081

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441

JAPIO Reference No: * 180486E000144

Language of Document: Japanese

Patent (No,Kind,Date): JP 2000312197 A2 20001107

SENDING DEVICE, RECEPTION DEVICE, TRANSMISSION DEVICE, TRANSMISSION METHOD AND RECEIVING METHOD (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 200085409 A 20000324; JP 9267934 A 19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): JP 200085409 A 20000324

IPC: * H04J-011/00; H04B-014/04; H04J-003/00; H04L-001/00; H04L-027/34; H04L-027/02; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-007/20; H04H-001/00

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441

JAPIO Reference No: * 180486E000144

Language of Document: Japanese

Patent (No,Kind,Date): JP 2000312198 A2 20001107

SENDING DEVICE, RECEPTION DEVICE, TRANSMISSION DEVICE AND TRANSMISSION METHOD (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 200095800 A 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): JP 200095800 A 19930924

IPC: * H04J-011/00; H04L-027/34; H04N-005/40; H04N-005/44; H04N-007/00; H04N-007/20

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441

JAPIO Reference No: * 180486E000144

Language of Document: Japanese

Patent (No,Kind,Date): JP 2000315992 A2 20001114
 TRANSMITTER AND RECEIVER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 200085411 A 20000101
 IPC: * H04J-011/00; H04L-001/00; H04L-027/00; H04N-005/40; H04N-005/455; H04N-007/24; H04N-007/30
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000324083 A2 20001124
 TRANSMITTER, RECEIVER, TRANSMISSION SYSTEM AND TRANSMISSION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 200095801 A 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510.
 Applic (No,Kind,Date): JP 200095801 A 19930924
 IPC: * H04J-011/00; H04L-027/36; H04L-027/38; H04N-007/08; H04N-007/081; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2001093159 A2 20010406
 OPTICAL DISK AND OPTICAL DISK PLAYER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI; MORIYA MITSURO; KOISHI KENJI
 Priority (No,Kind,Date): JP 2000271625 A 20000907; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000271625 A 20000907
 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2001101668 A2 20010413
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 2000275439 A 20000911; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000275439 A 20000911
 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2001101669 A2 20010413
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 2000275440 A 20000911; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000275440 A 20000911
 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2001110062 A2 20010420
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
 MORIYA MITSURO; KOISHI KENJI
 Priority (No,Kind,Date): JP 2000271624 A 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000271624 A 19960515
 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001160833 A2 20010612
 RECEIVER AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000296301 A 20000928; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 2000296301 A 20000928
 IPC: * H04L-027/00; H04B-001/16; H04L-027/38; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001160838 A2 20010612
 RECEIVER AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000296300 A 20000928; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 2000296300 A 20000928
 IPC: * H04L-027/34; H04J-003/00; H04N-005/40
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001211138 A2 20010803
 TRANSMISSION DEVICE AND RECEPTION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000375627 A 20001211; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 2000375627 A 20001211
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/38; H04N-005/44
 ; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001217804 A2 20010810
 SENDER, RECEIVER, TRANSMITTER, SENDING METHOD AND RECEIVING METHOD
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000383210 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383210 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/40;
 H04N-005/455; H04N-005/46; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441

JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001217805 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
 RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000383257 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383257 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/38; H04N-005/44
 ; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001217806 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
 RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000383303 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383303 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/44;
 H04N-007/015; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001217807 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
 RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000383395 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383395 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/40;
 H04N-005/455; H04N-005/46; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001217808 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
 RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000383425 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383425 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/40;
 H04N-005/455; H04N-005/46; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441

JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001217809 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
 RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000383459 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383459 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/00; H04L-027/18; H04N-005/40
 ; H04N-005/455; H04N-005/46; H04N-007/24; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001217810 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION DEVICE AND
 RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000383489 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383489 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/00; H04L-027/18; H04N-005/40
 ; H04N-005/455; H04N-005/46; H04N-007/24; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001217811 A2 20010810
 TRANSMITTER AND RECEIVER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000383523 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383523 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/40;
 H04N-005/445; H04N-005/46; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001217890 A2 20010810
 RECEIVER AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 2000381901 A 20001215; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 2000381901 A 20001215
 IPC: * H04L-027/34; H04L-027/18; H04N-005/38; H04N-005/44
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2001223669 A2 20010817
 TRANSMITTER, RECEIVER, TRANSMISSION SYSTEM, TRANSMISSION METHOD AND

RECEPTION METHOD (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): OSHIMA MITSUAKI
Priority (No,Kind,Date): JP 2000383341 A 20001218; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): JP 2000383341 A 20001218
IPC: * H04J-011/00; H04H-001/00; H04L-027/34; H04L-027/18; H04N-007/08; H04N-007/081
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
JAPIO Reference No: * 180486E000144
Language of Document: Japanese
Patent (No,Kind,Date): JP 2002057650 A2 20020222

RECEIVER (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): OSHIMA MITSUAKI
Priority (No,Kind,Date): JP 2001173882 A 20010608; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): JP 2001173882 A 20010608
IPC: * H04J-011/00; H04L-027/38; H04N-005/40; H04N-005/44; H04N-005/455; H04N-007/08; H04N-007/081; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: Japanese
Patent (No,Kind,Date): JP 2002074858 A2 20020315
Priority (No,Kind,Date): JP 2001224159 A 20010725; JP 93335165 A 19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 94299508 A 19941202
Applic (No,Kind,Date): JP 2001224159 A 20010725
IPC: * G11B-020/12; G11B-007/004; G11B-007/0045; G11B-007/005; G11B-007/007; G11B-020/10
Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 01-018026
Language of Document: Japanese
Patent (No,Kind,Date): JP 2002092894 A2 20020329
Priority (No,Kind,Date): JP 2001224158 A 20010725; JP 93335165 A 19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 94299508 A 19941202
Applic (No,Kind,Date): JP 2001224158 A 20010725
IPC: * G11B-007/007; G11B-007/004; G11B-007/24; G11B-020/10; G11B-020/12
Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 01-018026
Language of Document: Japanese
Patent (No,Kind,Date): JP 3008651 B2 20000214
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): OOSHIMA MITSUAKI
Priority (No,Kind,Date): JP 9268935 A 19920327; JP 9162798 A1 19910327; JP 9195813 A1 19910425; JP 91155650 A1 19910529; JP 91182236 A1 19910723; JP 9260739 A1 19920317
Applic (No,Kind,Date): JP 9268935 A 19920327
IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20; H04N-007/24
Language of Document: Japanese
Patent (No,Kind,Date): JP 3042780 B2 20000522
Priority (No,Kind,Date): JP 99257245 A 19990910; JP 95261247 A 19951009; JP 968910 A 19960123
Applic (No,Kind,Date): JP 99257245 A 19990910
IPC: * G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/24; G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: Japanese
 Patent (No,Kind,Date): JP 3042781 B2 20000522
 Priority (No,Kind,Date): JP 99257252 A 19990910; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257252 A 19990910
 IPC: * G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/005; G11B-007/24; G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3061053 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169243 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169243 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3061054 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169244 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169244 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3061055 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169245 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169245 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3061056 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169248 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169248 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3089599 B2 20000918
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257246 A 19990910
 IPC: * G11B-007/24; G11B-007/004; G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3089600 B2 20000918
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257249 A 19990910
 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3089601 B2 20000918
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257250 A 19990910
 IPC: * G11B-007/005; G11B-020/10

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3092620 B2 20000925
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169246 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169246 A 19990616
 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3092621 B2 20000925
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169247 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169247 A 19990616
 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3097914 B2 20001010
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257251 A 19990910
 IPC: * G11B-007/004; G11B-007/26; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3097916 B2 20001010
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99375208 A 19991228
 IPC: * G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3097917 B2 20001010
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99375209 A 19991228
 IPC: * G11B-007/007; G11B-007/005; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3109552 B2 20001120
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9368545 A 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 9368545 A 19930326
 IPC: * H04J-011/00; H04L-027/36; H04L-027/38; H04N-005/40; H04N-007/015; H04N-007/20; H04N-011/04
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3111776 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 93261611 A 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 93261611 A 19930924
 IPC: * H04J-011/00
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3112012 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289582 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289582 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese

Patent (No,Kind,Date): JP 3112013 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289583 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289583 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese

Patent (No,Kind,Date): JP 3112014 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289586 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289586 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/015
 Language of Document: Japanese

Patent (No,Kind,Date): JP 3114727 B2 20001204
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289584 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289584 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese

Patent (No,Kind,Date): JP 3114728 B2 20001204
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289585 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289585 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese

Patent (No,Kind,Date): JP 3143454 B2 20010307
 Priority (No,Kind,Date): JP 2000275439 A 20000911; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000275439 A 20000911
 IPC: * G11B-007/007; G11B-007/004; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 3143455 B2 20010307
 Priority (No,Kind,Date): JP 2000275440 A 20000911; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000275440 A 20000911
 IPC: * G11B-007/007; G11B-007/004; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 3144422 B2 20010312
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373896 A 19991228
 IPC: * G11B-020/10; G11B-007/0045; G11B-019/04
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 3144423 B2 20010312
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373901 A 19991228
 IPC: * G11B-020/10; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 3147120 B2 20010319
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A

19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373898 A 19991228
 IPC: * G11B-020/10; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3147121 B2 20010319
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373900 A 19991228
 IPC: * G11B-020/10; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3154704 B2 20010409
 Priority (No,Kind,Date): JP 200085407 A 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 200085407 A 19930326
 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3154705 B2 20010409
 Priority (No,Kind,Date): JP 200085408 A 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 200085408 A 19930326
 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3154706 B2 20010409
 Priority (No,Kind,Date): JP 200085409 A 20000324; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 200085409 A 20000324
 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3154707 B2 20010409
 Priority (No,Kind,Date): JP 200085410 A 20000324; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 200085410 A 20000324
 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3154708 B2 20010409
 Priority (No,Kind,Date): JP 200095800 A 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 200095800 A 19930924
 IPC: * H04J-011/00; H04L-027/34; H04N-007/00
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;

19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
 19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
 94104879 A 19940418; JP 94156089 A 19940707; US 184117 A2
 19940121; US 9709 A2 19930127
 Applic (No,Kind,Date): US 281337 A 19940727
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
 94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 5526328 A 19960611
 RECORDING AND REPRODUCING APPARATUS WITH VARYING AMOUNTS OF DATA IN
 DIFFERENT TRACKS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
 TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP);
 TANAKA MICHIO (JP); TAN SATOSHI (JP)
 Priority (No,Kind,Date): US 184117 A 19940121; JP 9213809 A
 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
 19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; US
 9709 A2 19930127
 Applic (No,Kind,Date): US 184117 A 19940121
 National Class: * 369013000; 369032000
 IPC: * G11B-011/00
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G
 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 5555275 A 19960910
 MULTI-THRESHOLD AND HIERARCHICAL TELEVISION SIGNAL TRANSMISSION SYSTEM
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 417269 A 19950405; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317; US 857627 B1
 19920325
 Applic (No,Kind,Date): US 417269 A 19950405
 National Class: * 375261000; 375298000; 375324000; 332103000;
 329304000; 348724000; 348726000
 IPC: * H04L-005/12; H04L-023/02; H04L-027/22; H04L-027/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): US 5600672 A 19970204
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SAKASHITA SEIJI (JP)
 Priority (No,Kind,Date): US 240521 A 19940510; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317; JP 93132984 A
 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227; JP
 9479668 A 19940324; US 857627 A2 19920325
 Applic (No,Kind,Date): US 240521 A 19940510
 National Class: * 375219000; 375270000; 375301000; 375321000

IPC: * H04L-005/16; H04B-001/38
Derwent WPI Acc No: * G 92-325674; G 94-103292; G 94-311606; G
94-342258; G 95-387959; G 97-195354; G 00-108239; G 00-118426; G
00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G
00-184731; G 00-589072; G 00-595507; G 01-063437; G 01-063438; G
01-063439; G 01-063440; G 01-063441
JAPIO Reference No: * 180152E000002
Language of Document: English
Patent (No,Kind,Date): US 5682360 A 19971028
RECORDING AND REPRODUCING APPARATUS FOR USE WITH A RECORDING MEDIUM
HAVING AN OPTICAL RECORDING LAYER AND MAGNETIC RECORDING LAYER
(English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9213809 A 19920129; JP 9242558 A
19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP
92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A
19920925
Applic (No,Kind,Date): US 9709 A 19930127
National Class: * 369013000; 360059000; 360114000
IPC: * G11B-011/00; G11B-005/127
Derwent WPI Acc No: * G 93-251292; G 93-313529
JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
180522P000136; 180618P000070
Language of Document: English
Patent (No,Kind,Date): US 5699331 A 19971216
APPARATUS OPERATING WITH RECORDING MEDIUM ACCORDING TO POSITIONAL
INFORMATION OF A SECRET CODE (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): US 534771 A 19950927; JP 9213809 A
19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
94104879 A 19940418; JP 94156089 A 19940707; US 281337 A3
19940727; US 184117 A2 19940121; US 9709 A2 19930127
Applic (No,Kind,Date): US 534771 A 19950927
Addnl Info: 5473584 Patented; 5526328 Patented
National Class: * 369032000; 369047000; 369054000
IPC: * G11B-017/22
Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
96-062972; G 98-181451; G 01-018026
JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
180522P000136; 180618P000070
Language of Document: English
Patent (No,Kind,Date): US 5761301 A 19980602
MARK FORMING APPARATUS, METHOD OF FORMING LASER MARK ON OPTICAL DISK,
REPRODUCING APPARATUS, OPTICAL DISK AND METHOD OF PRODUCING OPTICAL
DISK (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
Priority (No,Kind,Date): JP 94283415 A 19941117; JP 9516153 A
19950202; JP 95261247 A 19951009
Applic (No,Kind,Date): US 560015 A 19951117
National Class: * 380004000; 369272000; 235494000
IPC: * H04K-001/00
Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
97-236119
Language of Document: English
Patent (No,Kind,Date): US 5802241 A 19980901
COMMUNICATION SYSTEM (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): US 706376 A 19960830; JP 9267934 A
19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; JP

93132984 A 19930510; JP 93261612 A 19930924; JP 93349972 A
 19931227; US 217895 B1 19940325; US 126589 A2 19930927; US 37108
 A2 19930325
 Applic (No,Kind,Date): US 706376 A 19960830
 National Class: * 386046000; 348723000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): US 5805551 A 19980908
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
 INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): US 845794 A 19970425; JP 94104879 A
 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
 9515318 A 19950201; JP 9516865 A 19950203; US 423668 A3
 19950418; US 281337 A2 19940727
 Applic (No,Kind,Date): US 845794 A 19970425
 Addnl Info: 5473584 19951205 Patented
 National Class: * 369059000; 369047000; 369048000; 369058000;
 360048000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
 96-268785; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): US 5807640 A 19980915
 OPTICAL RECORDING MEDIUM, REPRODUCING SYSTEM, METHOD OF REPRODUCING
 OPTICAL DISK, METHOD OF FABRICATING OPTICAL DISK ORIGINAL RECORD, AND
 METHOD OF STOPPING ILLEGAL PROGRAM OPERATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93335165 A 19931228; JP 9422191 A
 19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP
 94299508 A 19941202; WO 94JP2304 W 19941228
 Applic (No,Kind,Date): US 507495 A 19950828
 National Class: * 428064100; 428064200; 428064400; 428913000;
 369275100; 369284000
 IPC: * B32B-003/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
 01-018026
 Language of Document: English
 Patent (No,Kind,Date): US 5819000 A 19981006
 MAGNETIC RECORDING AND PLAYBACK APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
 19920925
 Applic (No,Kind,Date): US 37108 A 19930325
 National Class: * 386046000; 348723000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): US 5881038 A 19990309
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
 INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): US 423668 A 19950418; JP 94104879 A

19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
 9515318 A 19950201; JP 9516865 A 19950203; US 281337 A2
 19940727
 Applic (No,Kind,Date): US 423668 A 19950418
 National Class: * 369059000; 369084000; 369058000; 369054000;
 369047000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
 96-268785; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): US 5892879 A 19990406
 COMMUNICATION SYSTEM FOR PLURAL DATA STREAMS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 126589 A 19930927; JP 9267934 A
 19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; JP
 93132984 A 19930510; US 37108 A2 19930325
 Applic (No,Kind,Date): US 126589 A 19930927
 National Class: * 386046000; 348726000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): US 5959948 A 19990928
 RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 970162 A 19971113; JP 9213809 A
 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
 19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
 93349972 A 19931227; JP 94104879 A 19940418; JP 94156089 A
 19940707; US 534771 A1 19950927; US 281337 A3 19940727; US 184117
 A2 19940121; US 9709 A2 19930127
 Applic (No,Kind,Date): US 970162 A 19971113
 Addnl Info: 5699331 Patented; 5473584 Patented; 5526328 Patented
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
 94-242360; G 94-342258; G 95-116722; G 95-246541; G 95-341616; G
 95-373939; G 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 5999569 A 19991207
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 61979 A 19980417; JP 9267934 A
 19920326; JP 92256070 A 19920925; US 37108 A3 19930325
 Applic (No,Kind,Date): US 61979 A 19980417
 Addnl Info: 5819000 Patented
 National Class: * 375265000; 348608000; 348607000; 348726000
 IPC: * H04L-027/28; H04L-005/12; H04L-023/02
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): US 6049651 A 20000411

COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 64147 A 19980422; JP 9267934 A 19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; US 126589 A3 19930927; US 37108 A1 19930325
 Applic (No,Kind,Date): US 64147 A 19980422
 Addnl Info: 5892879 Patented; 5819000 Patented
 National Class: * 386046000; 386123000; 348726000
 IPC: * H04N-005/91; H04N-007/015; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): US 6052465 A 20000418
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): US 649411 A 19960516
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6081785 A 20000627
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND PROGRAM LICENSE SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; WO 96JP2924 W 19961008
 Applic (No,Kind,Date): US 849468 A 19970609
 National Class: * 705001000; 380201000; 369272000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6122373 A 20000919
 OPTICAL DISK, OPTICAL DISK BARCODE FORMING METHOD, OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 404506 A 19990923; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No,Kind,Date): US 404506 A 19990923
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6125181 A 20000926
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA

SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 404639 A 19990923; JP 95261247 A
 19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No,Kind,Date): US 404639 A 19990923
 National Class: * 380002000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6128388 A 20001003
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 401114 A 19990922; JP 95261247 A
 19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No,Kind,Date): US 401114 A 19990922
 National Class: * 380059000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6141419 A 20001031
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 441338 A 19991116; JP 95261247 A
 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 441338 A 19991116
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6144742 A 20001107
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 401669 A 19990922; US 649411 A3
 19960516
 Applic (No,Kind,Date): US 401669 A 19990922
 Addnl Info: 6052465 Patented
 National Class: * 380004000
 IPC: * H04L-009/00
 Language of Document: English
 Patent (No,Kind,Date): US 6160888 A 20001212
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 441337 A 19991116; JP 95261247 A
 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 441337 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: English
 Patent (No,Kind,Date): US 20010013023 AA 20010809
 RECORDABLE OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): US 450438 A 19991130; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US 849468 A1 19970609
 Applic (No,Kind,Date): US 450438 A 19991130
 Addnl Info: 6081785 Patented
 National Class: * 705057000; 369084000; 369272000
 IPC: * G06F-017/60; G11B-007/26; G11B-007/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 20010021144 AA 20010913
 OPTICAL DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK RECORDING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KONISHI SHINICHI (JP); TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP); MURAKAMI MOTYOYOSHI (JP)
 Priority (No,Kind,Date): US 833995 A 20010412; JP 96339304 A 19961219; JP 979318 A 19970122; JP 97259110 A 19970924; US 308550 A3 19990520
 Applic (No,Kind,Date): US 833995 A 20010412
 Addnl Info: 6266299 Patented
 National Class: * 369013000; 369059180
 IPC: * G11B-011/00
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
 Patent (No,Kind,Date): US 20010038578 AA 20011108
 MEDIUM, APPARATUS, AND METHOD RELATED TO ENCRYPTION RESULTANT INFORMATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 796534 A 20010302; JP 93205682 A 19930727; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 9213809 A 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93297504 A 19931102; JP 93314114 A 19931119; US 305318 A3 19990505; US 970162 A3 19971113; US 534771 A1 19950927; US 281337 A3 19940727; US 184117 A2 19940121; US 9709 A2 19930127
 Applic (No,Kind,Date): US 796534 A 20010302
 Addnl Info: 6243330 Patented; 5959948 Patented; 5699331 Patented; 5473584 Patented; 5526328 Patented; 5682360 Patented
 National Class: * 369013000; 369053210; 369047110; 369053290
 IPC: * G11B-007/00
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G 94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063; 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 20010055132 AA 20011227
 OPTICAL DISK RECORDABLE USING BOTH A CIPHER KEY AND DISK IDENTIFICATION INFORMATION FOR ENCRYPTION (English)
 Patent Assignee: OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA

SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): US 450416 A 19991130; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US 849468 A1 19970609
Applic (No,Kind,Date): US 450416 A 19991130
Addnl Info: 6081785 Patented
National Class: * 359109000; 713189000
IPC: * G02F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): US 20020046177 AA 20020418
A RECORDABLE OPTICAL DISK INCLUDING AN AUXILIARY INFORMATION PRESENCE INDICATOR (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): US 917877 A 20010731; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US 450416 A1 19991130
Applic (No,Kind,Date): US 917877 A 20010731
National Class: * 705051000
IPC: * G06F-017/60
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): US 20020049678 AA 20020425
METHOD AND APPARATUS FOR ENCRYPTING AND RECORDING RECEIVED CONTENT INFORMATION ON A RECORDING MEDIUM USING BOTH MEDIUM IDENTIFICATION INFORMATION AND A CIPHER KEY FOR ENCRYPTION (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): US 964378 A 20010928; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US 886130 A1 20010622; US 475228 A1 19991230; US 849468 A1 19970609
Applic (No,Kind,Date): US 964378 A 20010928
National Class: * 705051000; 369053210; 369275300
IPC: * H04K-001/00; G11B-011/03; G11B-015/04
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): US 20020070282 AA 20020613
OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
Patent Assignee: GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP)
Priority (No,Kind,Date): US 67171 A 20020204; JP 95261247 A 19951009; JP 968910 A 19960123; US 595139 A1 20000615; US 441338 A1 19991116
Applic (No,Kind,Date): US 67171 A 20020204
National Class: * 235494000
IPC: * G06K-019/06
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): US 20020073038 AA 20020613
RECORDING MEDIUM, RECORDER, REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND PROGRAM LICENSE SYSTEM (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
Priority (No,Kind,Date): US 475228 A 19991230; JP 95261247 A

19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 441021 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6229896 BA 20010508
 OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 440782 A 19991116; JP 95261247 A
 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 440782 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6243330 BA 20010605
 RECORDING MEDIUM, APPARATUS, AND METHOD RELATED TO ENCRYPTION RESULTANT.
 INFORMATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 305318 A 19990505; JP 9213809 A
 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
 19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
 93205682 A 19930727; JP 9392219 A 19930325; JP 93107423 A
 19930409; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
 94104879 A 19940418; JP 94156089 A 19940707; US 970162 A3
 19971113; US 534771 A1 19950927; US 281337 A3 19940727; US 184117
 A2 19940121; US 9709 A2 19930127
 Applic (No,Kind,Date): US 305318 A 19990505
 Addnl Info: 5959948 Patented; 5699331 Patented; 5473584 Patented;
 5526328 Patented; 5682360 Patented
 National Class: * 369032000; 369047100; 369053110
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
 94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 6256357 BA 20010703
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 379746 A 19990824; JP 9267934 A
 19920326; JP 92256070 A 19920925; US 61979 A3 19980417; US 37108
 A3 19930325
 Applic (No,Kind,Date): US 379746 A 19990824
 Addnl Info: 5999569 Patented; 5819000 Patented
 National Class: * 375261000; 375280000; 375298000; 375308000;
 375324000; 375332000; 348433000; 348555000; 348726000; 329304000;
 332103000
 IPC: * H04N-005/46
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English

Patent (No,Kind,Date): US 6266299 BA 20010724
 MAGNETO-OPTICAL DISK HAVING WRITE-ONCE IDENTIFICATION MARKS AND METHOD
 FOR RECORDING THEREOF (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); KONISHI SHINICHI (JP);
 TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP);
 GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
 MURAKAMI MOTOYOSHI (JP)
 Priority (No,Kind,Date): JP 96339304 A 19961219; JP 979318 A
 19970122; JP 97259110 A 19970924; WO 97JP4664 W 19971217
 Applic (No,Kind,Date): US 308550 A 19990520
 National Class: * 369013000
 IPC: * G11B-011/00
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
 Patent (No,Kind,Date): US 6278671 BA 20010821
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 679580 A 20001004; JP 95261247 A
 19951009; JP 968910 A 19960123; US 441281 A1 19991116; US 649411
 A1 19960516
 Applic (No,Kind,Date): US 679580 A 20001004
 Addnl Info: 6052465 20000418 Patented
 National Class: * 369047190; 369047210; 369053410; 369059230;
 369275300
 IPC: * G11B-007/007
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6285762 BA 20010904
 OPTICAL DISK, OPTICAL DISK BARCODE FORMING METHOD, OPTICAL DISK
 REPRODUCTION APPARATUS, MARKING FORMING APPARATUS, METHOD OF FORMING
 A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 401935 A 19990923; JP 95261247 A
 19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No,Kind,Date): US 401935 A 19990923
 Addnl Info: 6052465 Patented
 National Class: * 380203000; 380201000; 713193000; 705051000;
 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6285763 BA 20010904
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 441281 A 19991116; JP 95261247 A
 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 441281 A 19991116
 National Class: * 380203000; 380201000; 705051000; 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6285764 BA 20010904
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF

FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
MANUFACTURING AN OPTICAL DISK (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): US 679233 A 20001004; JP 95261247 A
19951009; JP 968910 A 19960123; US 441281 A1 19991116; US 649411
A1 19960516
Applic (No,Kind,Date): US 679233 A 20001004
Addnl Info: 6052465 20000418 Patented
National Class: * 380203000; 380201000; 713193000
IPC: * H04N-007/167
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): US 6298138 BA 20011002
OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
MANUFACTURING AN OPTICAL DISK (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
Priority (No,Kind,Date): US 679505 A 20001004; JP 95261247 A
19951009; JP 968910 A 19960123; US 441281 A1 19991116; US 649411
A1 19960516
Applic (No,Kind,Date): US 679505 A 20001004
Addnl Info: 6052465 Patented
National Class: * 380203000; 380201000; 713193000
IPC: * H04N-007/167
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): US 6301569 BA 20011009
OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
SYSTEM AND PROGRAM LICENSE SYSTEM (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIRO (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
YOSHINARI (JP)
Priority (No,Kind,Date): US 450437 A 19991130; JP 95261247 A
19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
849468 A1 19970609
Applic (No,Kind,Date): US 450437 A 19991130
National Class: * 705057000; 369047000; 369084000; 369272000
IPC: * G11B-007/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): US 6343282 BA 20020129
OPTICAL DISK READING DEVICE USING BOTH A DECIPHER KEY AND DISK
IDENTIFICATION INFORMATION (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
YOSHINARI (JP)
Priority (No,Kind,Date): US 450413 A 19991130; JP 95261247 A
19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
849468 A1 19970609
Applic (No,Kind,Date): US 450413 A 19991130
Addnl Info: 6081785 Patented
National Class: * 705057000
IPC: * G06F-017/60
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): US 6408285 BA 20020618
OPTICAL DISK READING DEVICE USING BOTH A DECIPHER KEY AND DISK
IDENTIFICATION INFORMATION FOR DECRYPTION (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHINO (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA

YOSHINARI (JP)
 Priority (No,Kind,Date): US 450452 A 19991130; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
 849468 A1 19970609
 Applic (No,Kind,Date): US 450452 A 19991130
 Addnl Info: 6081785 Patented
 National Class: * 705057000
 IPC: * G06F-017/60
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6381588 BB 20020430
 OPTICAL DISK RECORDABLE USING BOTH A CIPHER KEY AND DISK IDENTIFICATION
 INFORMATION FOR ENCRYPTION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): US 450416 A 19991130; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
 849468 A1 19970609
 Applic (No,Kind,Date): US 450416 A 19991130
 National Class: * 705059000
 IPC: * G06F-017/60
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 95507495	A	19950828	US REFW	CORRESPONDS TO PCT
			APPLICATION	(ENTSPRICHT PCT ANMELDUNG)
			WO 9518443	P
US 97849468	A	19970609	US REFW	CORRESPONDS TO PCT
			APPLICATION	(ENTSPRICHT PCT ANMELDUNG)
			WO 9714144	P
US 5473584	P	19920129	US AA	PRIORITY (PATENT)
			JP 9213809	A 19920129
US 5473584	P	19920228	US AA	PRIORITY (PATENT)
			JP 9242558	A 19920228
US 5473584	P	19920309	US AA	PRIORITY (PATENT)
			JP 9250328	A 19920309
US 5473584	P	19920326	US AA	PRIORITY (PATENT)
			JP 9268031	A 19920326
US 5473584	P	19920430	US AA	PRIORITY (PATENT)
			JP 92111176	A 19920430
US 5473584	P	19920722	US AA	PRIORITY (PATENT)
			JP 92194450	A 19920722
US 5473584	P	19920925	US AA	PRIORITY (PATENT)
			JP 92280874	A 19920925
US 5473584	P	19930121	US AA	PRIORITY (PATENT)
			JP 938596	A 19930121
US 5473584	P	19930127	US AA	PRIORITY
			US 9709 A2	19930127
US 5473584	P	19930325	US AA	PRIORITY (PATENT)
			JP 9392219	A 19930325
US 5473584	P	19930409	US AA	PRIORITY (PATENT)
			JP 93107423	A 19930409
US 5473584	P	19930727	US AA	PRIORITY (PATENT)
			JP 93205682	A 19930727
US 5473584	P	19931102	US AA	PRIORITY (PATENT)
			JP 93297504	A 19931102
US 5473584	P	19931119	US AA	PRIORITY (PATENT)
			JP 93314114	A 19931119
US 5473584	P	19940121	US AA	PRIORITY
			US 184117 A2	19940121
US 5473584	P	19940418	US AA	PRIORITY (PATENT)
			JP 94104879	A 19940418
US 5473584	P	19940707	US AA	PRIORITY (PATENT)
			JP 94156089	A 19940707

US 5473584	P	19940727	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT))
			US 281337 A	19940727
US 5473584	P	19941207	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, OAZA KADOMA KADOMA-SHI, OSAKA, JA ; OSHIMA, MITSUAKI : 19940906
US 5473584	P	19951205	US A	PATENT
US 5526328	P	19920129	US AA	PRIORITY (PATENT)
			JP 9213809 A	19920129
US 5526328	P	19920228	US AA	PRIORITY (PATENT)
			JP 9242558 A	19920228
US 5526328	P	19920309	US AA	PRIORITY (PATENT)
			JP 9250328 A	19920309
US 5526328	P	19920326	US AA	PRIORITY (PATENT)
			JP 9268031 A	19920326
US 5526328	P	19920430	US AA	PRIORITY (PATENT)
			JP 92111176 A	19920430
US 5526328	P	19920722	US AA	PRIORITY (PATENT)
			JP 92194450 A	19920722
US 5526328	P	19920925	US AA	PRIORITY (PATENT)
			JP 92280874 A	19920925
US 5526328	P	19930121	US AA	PRIORITY (PATENT)
			JP 938596 A	19930121
US 5526328	P	19930127	US AA	PRIORITY
			US 9709 A2	19930127
US 5526328	P	19930325	US AA	PRIORITY (PATENT)
			JP 9392219 A	19930325
US 5526328	P	19930409	US AA	PRIORITY (PATENT)
			JP 93107423 A	19930409
US 5526328	P	19930727	US AA	PRIORITY (PATENT)
			JP 93205682 A	19930727
US 5526328	P	19931102	US AA	PRIORITY (PATENT)
			JP 93297504 A	19931102
US 5526328	P	19931119	US AA	PRIORITY (PATENT)
			JP 93314114 A	19931119
US 5526328	P	19940121	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT))
			US 184117 A	19940121
US 5526328	P	19940822	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST MITSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ; OSHIMA, MITSUAKI : 19940317; SHIMIZU, RYOSUKE : 19940317; KOUDO, TOSHIKAZU : 19940317; YOSHIURA, TSUKASA : 19940317; MAT : 19940317;
US 5526328	P	19950516	US AS28	CORRECTED ASSIGNMENT MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. KADOMA-SHI 1006, OAZA KADOMA OSAKA, JAP ; OSHIMA, MITSUAKI : 19940317; SHIMIZU, RYOSUKE : 19940317; KOUDO, TOSHIKAZU : 19940317; YOSHIURA, TSUKASA : 19940317; MAT : 19940317;
US 5526328	P	19960611	US A	PATENT
US 5555275	P	19910327	US AA	PRIORITY (PATENT)
			JP 9162798 A	19910327
US 5555275	P	19910425	US AA	PRIORITY (PATENT)
			JP 9195813 A	19910425
US 5555275	P	19910529	US AA	PRIORITY (PATENT)
			JP 91155650 A	19910529
US 5555275	P	19910723	US AA	PRIORITY (PATENT)
			JP 91182236 A	19910723
US 5555275	P	19920317	US AA	PRIORITY (PATENT)
			JP 9260739 A	19920317
US 5555275	P	19920325	US AA	PRIORITY
			US 857627 B1	19920325
US 5555275	P	19950405	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT))

US 5805551	P	19970425	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 845794	A	19970425
US 5805551	P	19980908	US A	PATENT
US 5807640	P	19931228	US AA	PRIORITY (PATENT)
		JP 93335165	A	19931228
US 5807640	P	19940120	US AA	PRIORITY (PATENT)
		JP 9422191	A	19940120
US 5807640	P	19940418	US AA	PRIORITY (PATENT)
		JP 94104879	A	19940418
US 5807640	P	19940707	US AA	PRIORITY (PATENT)
		JP 94156089	A	19940707
US 5807640	P	19941202	US AA	PRIORITY (PATENT)
		JP 94299508	A	19941202
US 5807640	P	19941228	US AA	PCT-APPLICATION (PCT-APPL.)
		WO 94JP2304	W	19941228
US 5807640	P	19950828	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 507495	A	19950828
US 5807640	P	19950828	US AS02	ASSIGNMENT OF ASSIGNOR'S
			INTEREST	
			MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006	
			OAZA KADOMA, KADOMA-SHI OSAKA 571, ; UENO,	
			FUMIAKI : 19950801; OSHIMA, MITSUAKI :	
			19950801	
US 5807640	P	19980915	US A	PATENT
US 5807640	P	20010731	US RF	REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)	
		20000915		
US 5819000	P	19920326	US AA	PRIORITY (PATENT)
		JP 9267934	A	19920326
US 5819000	P	19920925	US AA	PRIORITY (PATENT)
		JP 92256070	A	19920925
US 5819000	P	19930325	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 37108	A	19930325
US 5819000	P	19930608	US AS02	ASSIGNMENT OF ASSIGNOR'S
			INTEREST	
			MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	
			1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ;	
			OSHIMA, MITSUAKI : 19930413	
US 5819000	P	19981006	US A	PATENT
US 5819000	P	19990914	US CC	CERTIFICATE OF CORRECTION
US 5881038	P	19940418	US AA	PRIORITY (PATENT)
		JP 94104879	A	19940418
US 5881038	P	19940727	US AA	PRIORITY
		US 281337	A2	19940727
US 5881038	P	19941117	US AA	PRIORITY (PATENT)
		JP 94283415	A	19941117
US 5881038	P	19941228	US AA	PRIORITY (PATENT)
		JP 94327963	A	19941228
US 5881038	P	19950201	US AA	PRIORITY (PATENT)
		JP 9515318	A	19950201
US 5881038	P	19950203	US AA	PRIORITY (PATENT)
		JP 9516865	A	19950203
US 5881038	P	19950418	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 423668	A	19950418
US 5881038	P	19951004	US AS02	ASSIGNMENT OF ASSIGNOR'S
			INTEREST	
			MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006	
			OAZA KADOMA KADOMA-SHI, OSAKA 571, ; OSHIMA,	
			MITSUAKI : 19950412; GOTOH, YOSHIHO :	
			19950412	
US 5881038	P	19990309	US A	PATENT
US 5881038	P	20000125	US CC	CERTIFICATE OF CORRECTION
US 5892879	P	19920326	US AA	PRIORITY (PATENT)

		JP 9267934	A	19920326	
US 5892879	P	19920925	US AA	PRIORITY (PATENT)	
		JP 92256070	A	19920925	
US 5892879	P	19930325	US AA	PRIORITY (PATENT)	
		JP 9366461	A	19930325	
US 5892879	P	19930325	US AA	PRIORITY	
		US 37108	A2	19930325	
US 5892879	P	19930510	US AA	PRIORITY (PATENT)	
		JP 93132984	A	19930510	
US 5892879	P	19930927	US AE	APPLICATION DATA (PATENT)	
		(APPL. DATA (PATENT))			
		US 126589	A	19930927	
US 5892879	P	19940106	US AS02	ASSIGNMENT OF ASSIGNOR'S	
		INTEREST			
		MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.			
		1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ;			
		OSHIMA, MITSUAKI : 19931013			
US 5892879	P	19990406	US A	PATENT	
US 5959948	P	19920129	US AA	PRIORITY (PATENT)	
		JP 9213809	A	19920129	
US 5959948	P	19920228	US AA	PRIORITY (PATENT)	
		JP 9242558	A	19920228	
US 5959948	P	19920309	US AA	PRIORITY (PATENT)	
		JP 9250328	A	19920309	
US 5959948	P	19920326	US AA	PRIORITY (PATENT)	
		JP 9268031	A	19920326	
US 5959948	P	19920430	US AA	PRIORITY (PATENT)	
		JP 92111176	A	19920430	
US 5959948	P	19920722	US AA	PRIORITY (PATENT)	
		JP 92194450	A	19920722	
US 5959948	P	19920925	US AA	PRIORITY (PATENT)	
		JP 92280874	A	19920925	
US 5959948	P	19930121	US AA	PRIORITY (PATENT)	
		JP 938596	A	19930121	
US 5959948	P	19930127	US AA	PRIORITY	
		US 9709	A2	19930127	
US 5959948	P	19930325	US AA	PRIORITY (PATENT)	
		JP 9392219	A	19930325	
US 5959948	P	19930409	US AA	PRIORITY (PATENT)	
		JP 93107423	A	19930409	
US 5959948	P	19930727	US AA	PRIORITY (PATENT)	
		JP 93205682	A	19930727	
US 5959948	P	19931102	US AA	PRIORITY (PATENT)	
		JP 93297504	A	19931102	
US 5959948	P	19931119	US AA	PRIORITY (PATENT)	
		JP 93314114	A	19931119	
US 5959948	P	19931227	US AA	PRIORITY (PATENT)	
		JP 93349972	A	19931227	
US 5959948	P	19940121	US AA	PRIORITY	
		US 184117	A2	19940121	
US 5959948	P	19940418	US AA	PRIORITY (PATENT)	
		JP 94104879	A	19940418	
US 5959948	P	19940707	US AA	PRIORITY (PATENT)	
		JP 94156089	A	19940707	
US 5959948	P	19940727	US AA	PRIORITY	
		US 281337	A3	19940727	
US 5959948	P	19950927	US AA	PRIORITY	
		US 534771	A1	19950927	
US 5959948	P	19971113	US AE	APPLICATION DATA (PATENT)	
		(APPL. DATA (PATENT))			
		US 970162	A	19971113	
US 5959948	P	19990928	US A	PATENT	
US 5959948	P	20001114	US CC	CERTIFICATE OF CORRECTION	
US 5999569	P	19920326	US AA	PRIORITY (PATENT)	
		JP 9267934	A	19920326	
US 5999569	P	19920925	US AA	PRIORITY (PATENT)	
		JP 92256070	A	19920925	
US 5999569	P	19930325	US AA	PRIORITY	

		US 37108 A3 19930325	
US 5999569	P	19980417 US AE APPLICATION DATA (PATENT)	
		(APPL. DATA (PATENT))	
		US 61979 A 19980417	
US 5999569	P	19991207 US A PATENT	
US 6049651	P	19920326 US AA PRIORITY (PATENT)	
		JP 9267934 A 19920326	
US 6049651	P	19920925 US AA PRIORITY (PATENT)	
		JP 92256070 A 19920925	
US 6049651	P	19930325 US AA PRIORITY (PATENT)	
		JP 9366461 A 19930325	
US 6049651	P	19930325 US AA PRIORITY	
		US 37108 A1 19930325	
US 6049651	P	19930927 US AA PRIORITY	
		US 126589 A3 19930927	
US 6049651	P	19980422 US AE APPLICATION DATA (PATENT)	
		(APPL. DATA (PATENT))	
		US 64147 A 19980422	
US 6049651	P	20000411 US A PATENT	
US 6049651	P	20010403 US CC CERTIFICATE OF CORRECTION	
US 6052465	P	19951009 US AA PRIORITY (PATENT)	
		JP 95261247 A 19951009	
US 6052465	P	19960123 US AA PRIORITY (PATENT)	
		JP 968910 A 19960123	
US 6052465	P	19960516 US AE APPLICATION DATA (PATENT)	
		(APPL. DATA (PATENT))	
		US 649411 A 19960516	
US 6052465	P	20000418 US A PATENT	
US 6081785	P	19951009 US AA PRIORITY (PATENT)	
		JP 95261247 A 19951009	
US 6081785	P	19960123 US AA PRIORITY (PATENT)	
		JP 968910 A 19960123	
US 6081785	P	19960809 US AA PRIORITY (PATENT)	
		JP 96211304 A 19960809	
US 6081785	P	19961008 US AA PCT-APPLICATION (PCT-APPL.)	
		WO 96JP2924 W 19961008	
US 6081785	P	19970609 US AE APPLICATION DATA (PATENT)	
		(APPL. DATA (PATENT))	
		US 849468 A 19970609	
US 6081785	P	20000627 US A PATENT	
US 6122373	P	19951009 US AA PRIORITY (PATENT)	
		JP 95261247 A 19951009	
US 6122373	P	19960123 US AA PRIORITY (PATENT)	
		JP 968910 A 19960123	
US 6122373	P	19960516 US AA PRIORITY	
		US 649411 A3 19960516	
US 6122373	P	19990923 US AE APPLICATION DATA (PATENT)	
		(APPL. DATA (PATENT))	
		US 404506 A 19990923	
US 6122373	P	20000919 US A PATENT	
US 6125181	P	19951009 US AA PRIORITY (PATENT)	
		JP 95261247 A 19951009	
US 6125181	P	19960123 US AA PRIORITY (PATENT)	
		JP 968910 A 19960123	
US 6125181	P	19960516 US AA PRIORITY	
		US 649411 A3 19960516	
US 6125181	P	19990923 US AE APPLICATION DATA (PATENT)	
		(APPL. DATA (PATENT))	
		US 404639 A 19990923	
US 6125181	P	20000926 US A PATENT	
US 6128388	P	19951009 US AA PRIORITY (PATENT)	
		JP 95261247 A 19951009	
US 6128388	P	19960123 US AA PRIORITY (PATENT)	
		JP 968910 A 19960123	
US 6128388	P	19960516 US AA PRIORITY	
		US 649411 A3 19960516	
US 6128388	P	19990922 US AE APPLICATION DATA (PATENT)	

			(APPL. DATA (PATENT))	
		US 401114	A	19990922
US 6128388	P	20001003	US A	PATENT
US 6128388	P	20010821	US CC	CERTIFICATE OF CORRECTION
US 6141419	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6141419	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6141419	P	19960516	US AA	PRIORITY
		US 649411	A1	19960516
US 6141419	P	19991116	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 441338	A	19991116
US 6141419	P	20001031	US A	PATENT
US 6144742	P	19960516	US AA	PRIORITY
		US 649411	A3	19960516
US 6144742	P	19990922	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 401669	A	19990922
US 6144742	P	20001107	US A	PATENT
US 6160888	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6160888	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6160888	P	19960516	US AA	PRIORITY
		US 649411	A1	19960516
US 6160888	P	19991116	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 441337	A	19991116
US 6160888	P	20001212	US A	PATENT
US 6175629	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6175629	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6175629	P	19960516	US AA	PRIORITY
		US 649411	A1	19960516
US 6175629	P	19991116	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 441357	A	19991116
US 6175629	P	20010116	US BA	PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
US 6208736	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6208736	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6208736	P	19960516	US AA	PRIORITY (CONTINUATION)
		US 649411	A1	19960516
US 6208736	P	19991116	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 441021	A	19991116
US 6208736	P	20010327	US BA	PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
US 6229896	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6229896	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6229896	P	19960516	US AA	PRIORITY (CONTINUATION)
		US 649411	A1	19960516
US 6229896	P	19991116	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 440782	A	19991116
US 6229896	P	20010508	US BA	PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
US 6243330	P	19920129	US AA	PRIORITY (PATENT)
		JP 9213809	A	19920129
US 6243330	P	19920228	US AA	PRIORITY (PATENT)
		JP 9242558	A	19920228
US 6243330	P	19920309	US AA	PRIORITY (PATENT)

			US 417269	A	19950405
US 5555275	P	19960910	US A		PATENT
US 5600672	P	19910327	US AA		PRIORITY (PATENT)
			JP 9162798	A	19910327
US 5600672	P	19910425	US AA		PRIORITY (PATENT)
			JP 9195813	A	19910425
US 5600672	P	19910529	US AA		PRIORITY (PATENT)
			JP 91155650	A	19910529
US 5600672	P	19910723	US AA		PRIORITY (PATENT)
			JP 91182236	A	19910723
US 5600672	P	19920317	US AA		PRIORITY (PATENT)
			JP 9260739	A	19920317
US 5600672	P	19920325	US AA		PRIORITY
			US 857627	A2	19920325
US 5600672	P	19930510	US AA		PRIORITY (PATENT)
			JP 93132984	A	19930510
US 5600672	P	19930924	US AA		PRIORITY (PATENT)
			JP 93261612	A	19930924
US 5600672	P	19931227	US AA		PRIORITY (PATENT)
			JP 93349972	A	19931227
US 5600672	P	19940324	US AA		PRIORITY (PATENT)
			JP 9479668	A	19940324
US 5600672	P	19940510	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 240521	A	19940510
US 5600672	P	19961010	US AS02		ASSIGNMENT OF ASSIGNOR'S INTEREST
			MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.		
			1006, KADOMA OSAKA, JAPAN 571 ; OSHIMA,		
			MITSUAKI : 19960910; SAKASHITA, SEIJI :		
			19960910		
US 5600672	P	19970204	US A		PATENT
US 5600672	P	19990420	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			19990204		
US 5600672	P	20001114	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20000915		
US 5600672	P	20001128	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20001012		
US 5600672	P	20001226	US RF		REISSUE APPLICATION FILED (
			(REISSUE APPL. FILED)		
			20001005		
US 5600672	P	20010102	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20001012		
US 5600672	P	20010130	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20001012		
US 5600672	P	20010213	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20000929		
US 5600672	P	20010313	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20000925		
US 5600672	P	20010403	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20000925		
US 5600672	P	20010501	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20000929		
US 5600672	P	20010522	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20001005		
US 5600672	P	20010605	US RF		REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)		
			20001005		

US 5761301	P	19950202	US AA	PRIORITY (PATENT)
		JP 9516153	A	19950202
US 5761301	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 5761301	P	19951117	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 560015	A	19951117
US 5761301	P	19960410	US AS02	ASSIGNMENT OF ASSIGNOR'S
		INTEREST		
		MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. 1006,		
		OAZA KADOMA, KADOMA-SHI OSAKA, JAP ; OSHIMA,		
		MITSUAKI : 19960220; GOTOH, YOSHIHO :		
		19960220		
US 5761301	P	19980602	US A	PATENT
US 5761301	P	20000801	US RF	REISSUE APPLICATION FILED (
		REISSUE APPL. FILED)		
		20000602		
US 5761301	P	20020402	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20011207		
US 5761301	P	20020409	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20011207		
US 5802241	P	19920326	US AA	PRIORITY (PATENT)
		JP 9267934	A	19920326
US 5802241	P	19920925	US AA	PRIORITY (PATENT)
		JP 92256070	A	19920925
US 5802241	P	19930325	US AA	PRIORITY (PATENT)
		JP 9366461	A	19930325
US 5802241	P	19930325	US AA	PRIORITY
		US 37108	A2	19930325
US 5802241	P	19930510	US AA	PRIORITY (PATENT)
		JP 93132984	A	19930510
US 5802241	P	19930924	US AA	PRIORITY (PATENT)
		JP 93261612	A	19930924
US 5802241	P	19930927	US AA	PRIORITY
		US 126589	A2	19930927
US 5802241	P	19931227	US AA	PRIORITY (PATENT)
		JP 93349972	A	19931227
US 5802241	P	19940325	US AA	PRIORITY
		US 217895	B1	19940325
US 5802241	P	19960830	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 706376	A	19960830
US 5802241	P	19980901	US A	PATENT
US 5802241	P	20001226	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20001030		
US 5802241	P	20010102	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20000831		
US 5802241	P	20010403	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20001030		
US 5805551	P	19940418	US AA	PRIORITY (PATENT)
		JP 94104879	A	19940418
US 5805551	P	19940727	US AA	PRIORITY
		US 281337	A2	19940727
US 5805551	P	19941117	US AA	PRIORITY (PATENT)
		JP 94283415	A	19941117
US 5805551	P	19941228	US AA	PRIORITY (PATENT)
		JP 94327963	A	19941228
US 5805551	P	19950201	US AA	PRIORITY (PATENT)
		JP 9515318	A	19950201
US 5805551	P	19950203	US AA	PRIORITY (PATENT)
		JP 9516865	A	19950203
US 5805551	P	19950418	US AA	PRIORITY
		US 423668	A3	19950418

US 5600672	P	20020611	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20020429
US 5682360	P	19920129	US AA	PRIORITY (PATENT) JP 9213809 A 19920129
US 5682360	P	19920228	US AA	PRIORITY (PATENT) JP 9242558 A 19920228
US 5682360	P	19920309	US AA	PRIORITY (PATENT) JP 9250328 A 19920309
US 5682360	P	19920326	US AA	PRIORITY (PATENT) JP 9268031 A 19920326
US 5682360	P	19920430	US AA	PRIORITY (PATENT) JP 92111176 A 19920430
US 5682360	P	19920722	US AA	PRIORITY (PATENT) JP 92194450 A 19920722
US 5682360	P	19920925	US AA	PRIORITY (PATENT) JP 92280874 A 19920925
US 5682360	P	19930127	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 9709 A 19930127
US 5682360	P	19930302	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ; OSHIMA, MITSUAKI : 19930122
US 5682360	P	19971028	US A	PATENT
US 5699331	P	19920129	US AA	PRIORITY (PATENT) JP 9213809 A 19920129
US 5699331	P	19920228	US AA	PRIORITY (PATENT) JP 9242558 A 19920228
US 5699331	P	19920309	US AA	PRIORITY (PATENT) JP 9250328 A 19920309
US 5699331	P	19920326	US AA	PRIORITY (PATENT) JP 9268031 A 19920326
US 5699331	P	19920430	US AA	PRIORITY (PATENT) JP 92111176 A 19920430
US 5699331	P	19920722	US AA	PRIORITY (PATENT) JP 92194450 A 19920722
US 5699331	P	19920925	US AA	PRIORITY (PATENT) JP 92280874 A 19920925
US 5699331	P	19930121	US AA	PRIORITY (PATENT) JP 938596 A 19930121
US 5699331	P	19930127	US AA	PRIORITY US 9709 A2 19930127
US 5699331	P	19930325	US AA	PRIORITY (PATENT) JP 9392219 A 19930325
US 5699331	P	19930409	US AA	PRIORITY (PATENT) JP 93107423 A 19930409
US 5699331	P	19930727	US AA	PRIORITY (PATENT) JP 93205682 A 19930727
US 5699331	P	19931102	US AA	PRIORITY (PATENT) JP 93297504 A 19931102
US 5699331	P	19931119	US AA	PRIORITY (PATENT) JP 93314114 A 19931119
US 5699331	P	19940121	US AA	PRIORITY US 184117 A2 19940121
US 5699331	P	19940418	US AA	PRIORITY (PATENT) JP 94104879 A 19940418
US 5699331	P	19940707	US AA	PRIORITY (PATENT) JP 94156089 A 19940707
US 5699331	P	19940727	US AA	PRIORITY US 281337 A3 19940727
US 5699331	P	19950927	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 534771 A 19950927
US 5699331	P	19971216	US A	PATENT
US 5761301	P	19941117	US AA	PRIORITY (PATENT) JP 94283415 A 19941117

19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
 849468 A1 19970609
 Applic (No,Kind,Date): US 475228 A 19991230
 National Class: * 705057000
 IPC: * G06F-017/60
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 20020080285 AA 20020627
 COMMUNICATION SYSTEM (English)
 Patent Assignee: OSHIMA MITSUAKI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 741336 A 20001221; JP 9267934 A
 19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; US
 505753 A3 20000216; US 64147 A3 19980422; US 126589 A3 19930927
 ; US 37108 A2 19930325
 Applic (No,Kind,Date): US 741336 A 20001221
 National Class: * 348724000; 348726000
 IPC: * H04N-007/52; H04N-005/455
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): US 20020080961 AA 20020627
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 81944 A 20020220; JP 95261247 A
 19951009; JP 968910 A 19960123; US 713183 A3 20001115; US 441281
 A1 19991116; US 649411 A1 19960516
 Applic (No,Kind,Date): US 81944 A 20020220
 Addnl Info: 6285763 Patented; 6052465 Patented
 National Class: * 380201000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6175629 BA 20010116
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 441357 A 19991116; JP 95261247 A
 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 441357 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6208736 BA 20010327
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 441021 A 19991116; JP 95261247 A

G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3154709 B2 20010409
 Priority (No,Kind,Date): JP 200095801 A 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 200095801 A 19930924
 IPC: * H04J-011/00; H04L-027/34; H04N-007/08
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3175740 B2 20010611
 Priority (No,Kind,Date): JP 99373897 A 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373897 A 19961008
 IPC: * G11B-020/10; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3209221 B2 20010917
 Priority (No,Kind,Date): JP 99373899 A 19960810; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373899 A 19960810
 IPC: * G11B-007/007; G06F-012/14; G11B-019/04; G11B-020/10;
 G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3209222 B2 20010917
 Priority (No,Kind,Date): JP 99373902 A 19960810; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373902 A 19960810
 IPC: * G11B-007/007; G06F-012/14; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3225035 B2 20011105
 Priority (No,Kind,Date): JP 2000271624 A 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000271624 A 19960515
 IPC: * G11B-007/007; G11B-007/004; G11B-007/24; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3225036 B2 20011105
 Priority (No,Kind,Date): JP 2000271625 A 20000907; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000271625 A 20000907
 IPC: * G11B-007/007; G11B-007/004; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3231035 B2 20011119
 Priority (No,Kind,Date): JP 2000383257 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383257 A 20001218
 IPC: * H04J-011/00; H04N-005/38; H04N-005/44; H04N-007/08;
 H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3231036 B2 20011119
 Priority (No,Kind,Date): JP 2000383303 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): JP 2000383303 A 20001218
 IPC: * H04J-011/00; H04N-005/38; H04N-005/44; H04N-007/08;
 H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3233625 B2 20011126
 Priority (No,Kind,Date): JP 2000383210 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383210 A 20001218
 IPC: * H04J-011/00; H04N-005/38; H04N-005/44; H04N-007/08;
 H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3233626 B2 20011126
 Priority (No,Kind,Date): JP 2000383341 A 20001218; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 2000383341 A 20001218
 IPC: * H04J-011/00; H04N-005/38; H04N-005/44; H04N-007/08;
 H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
 G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3246731 B2 20020115
 Priority (No,Kind,Date): JP 99257248 A 19990910; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257248 A 19990910
 IPC: * G11B-007/085; G11B-007/004; G11B-007/007; G11B-007/24;
 G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3248807 B2 20020121
 Priority (No,Kind,Date): JP 9479432 A 19940325; JP 9366461 A
 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP
 93349972 A 19931227
 Applic (No,Kind,Date): JP 9479432 A 19940325
 IPC: * H04J-011/00; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
 00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
 01-063440; G 01-063441
 Language of Document: Japanese

KOREA, REPUBLIC (KR)

Patent (No,Kind,Date): KR 161051 B1 19990115
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
 Applic (No,Kind,Date): KR 946012 A 19940325
 IPC: * H04N-007/12
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Korean
 Patent (No,Kind,Date): KR 195398 B1 19990615
 RECORDING/REPRODUCING APPARATUS AND MEDIUM AND PRODUCTION METHOD

19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): SG 9502048 A 19940119
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
 ; G11B-023/00
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 95-116722; G 95-341616; G 96-062972; G 98-181451
 Language of Document: English
 Patent (No,Kind,Date): SG 7100102 A1 20000321
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): SG 9800735 A 19940119
 IPC: * G11B-019/02; G11B-007/007
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 95-116722; G 95-341616; G 96-062972; G 98-181451
 Language of Document: English
 Patent (No,Kind,Date): SG 7100103 A1 20000321
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): SG 9800736 A 19940119
 IPC: * G11B-019/02; G11B-007/007
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 95-116722; G 95-341616; G 96-062972; G 98-181451
 Language of Document: English
 Patent (No,Kind,Date): SG 8200519 A1 20010821
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): MITSUAKI OSHIMA; HIDEAKI KOMODA; HISASHI USHIGOME
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): SG 9502012 A 19940119
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): SG 8300122 A1 20010918
 AN OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AND OPTICAL
 DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOH YOSHIBO; OSHIMAI MITSUAKI; TANAKA SHINICHI;
 KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): SG 9901814 A 19960515
 IPC: * G11B-007/24; G11B-007/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5473584 A 19951205
 RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 281337 A 19940727; JP 9213809 A

(English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OHSIMA MITSEUAKI (JP); KOMODA HIDEAKI (JP);
USIGOME HISASI (JP)
Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
93297504 A 19931102; JP 93314114 A 19931119
Applic (No,Kind,Date): KR 941111 A 19940121
IPC: * G11B-011/00
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
95-116722; G 95-341616; G 96-062972; G 98-181451

Language of Document: Korean

Patent (No,Kind,Date): KR 217013 B1 19991001
RECORDING AND REPRODUCING APPARATUS (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITZAKI (JP); SHIMIZ RYOOSKI (JP); KOUDO
DOSHIKAZ (JP); YOSHIHURA SKASHA (JP); MASURA TAKUMI (JP); DANAKA
MICHIO (JP); DAN SADOSHI (JP)
Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
93297504 A 19931102; JP 93314114 A 19931119
Applic (No,Kind,Date): KR 941112 A 19940121
IPC: * G11B-011/00
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
95-116722; G 95-341616; G 96-062972; G 98-181451

Language of Document: Korean

Patent (No,Kind,Date): KR 237555 B1 20000201
RECORDING/REPRODUCING APPARATUS (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 93205682 A 19930727; JP 93297504 A
19931102; JP 93314114 A 19931119; JP 94104879 A 19940418; JP
94156089 A 19940707
Applic (No,Kind,Date): KR 9418308 A 19940727
IPC: * G11B-007/00
Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451

Language of Document: Korean

Patent (No,Kind,Date): KR 9602468 B1 19960217
TRANSMITTER (English)
Patent Assignee: MATSUSITA ELECTRIC IND K K (JP)
Author (Inventor): OOSIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): KR 934766 A 19930326
IPC: * H04L-027/36
Derwent WPI Acc No: * G 93-305235; G 94-103292
JAPIO Reference No: * 180486E000144
Language of Document: Korean

Patent (No,Kind,Date): KR 9602703 B1 19960224
SIGNAL TRANSMISSION SYSTEM (English)
Patent Assignee: MATSUSHITA ELECTRIC IND K K (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
19910425; JP 91155650 A 19910529; JP 91182236 A 19910723
Applic (No,Kind,Date): KR 924913 A 19920326
IPC: * H04N-007/12
Derwent WPI Acc No: * G 92-325674
JAPIO Reference No: * 180152E000002
Language of Document: Korean

SINGAPORE (SG)

Patent (No,Kind,Date): SG 5400982 A1 19981221
RECORDING AND REPRODUCING APPARATUS (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; KOUDO TOSHIKAZU;
YOSHIURA TSUKASA; MATSUURA TAKUMI; TANAKA MITIRO; TAN SATOSHI
Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A

			JP 9250328	A	19920309
US 6243330	P	19920326	US AA		PRIORITY (PATENT)
			JP 9268031	A	19920326
US 6243330	P	19920430	US AA		PRIORITY (PATENT)
			JP 92111176	A	19920430
US 6243330	P	19920722	US AA		PRIORITY (PATENT)
			JP 92194450	A	19920722
US 6243330	P	19920925	US AA		PRIORITY (PATENT)
			JP 92280874	A	19920925
US 6243330	P	19930121	US AA		PRIORITY (PATENT)
			JP 938596	A	19930121
US 6243330	P	19930127	US AA		PRIORITY (CONTINUATION IN PART)
			US 9709	A2	19930127
US 6243330	P	19930325	US AA		PRIORITY (PATENT)
			JP 9392219	A	19930325
US 6243330	P	19930409	US AA		PRIORITY (PATENT)
			JP 93107423	A	19930409
US 6243330	P	19930727	US AA		PRIORITY (PATENT)
			JP 93205682	A	19930727
US 6243330	P	19931102	US AA		PRIORITY (PATENT)
			JP 93297504	A	19931102
US 6243330	P	19931119	US AA		PRIORITY (PATENT)
			JP 93314114	A	19931119
US 6243330	P	19940121	US AA		PRIORITY (CONTINUATION IN PART)
			US 184117	A2	19940121
US 6243330	P	19940418	US AA		PRIORITY (PATENT)
			JP 94104879	A	19940418
US 6243330	P	19940707	US AA		PRIORITY (PATENT)
			JP 94156089	A	19940707
US 6243330	P	19940727	US AA		PRIORITY (DIVISION)
			US 281337	A3	19940727
US 6243330	P	19950927	US AA		PRIORITY (CONTINUATION)
			US 534771	A1	19950927
US 6243330	P	19971113	US AA		PRIORITY (DIVISION)
			US 970162	A3	19971113
US 6243330	P	19990505	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 305318	A	19990505
US 6243330	P	20010605	US BA		PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
US 6243330	P	20020212	US CC		CERTIFICATE OF CORRECTION
US 6256357	P	19920326	US AA		PRIORITY (PATENT)
			JP 9267934	A	19920326
US 6256357	P	19920925	US AA		PRIORITY (PATENT)
			JP 92256070	A	19920925
US 6256357	P	19930325	US AA		PRIORITY (DIVISION)
			US 37108	A3	19930325
US 6256357	P	19980417	US AA		PRIORITY (DIVISION)
			US 61979	A3	19980417
US 6256357	P	19990824	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 379746	A	19990824
US 6256357	P	20010703	US BA		PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
US 6266299	P	19961219	US AA		PRIORITY (PATENT)
			JP 96339304	A	19961219
US 6266299	P	19970122	US AA		PRIORITY (PATENT)
			JP 979318	A	19970122
US 6266299	P	19970924	US AA		PRIORITY (PATENT)
			JP 97259110	A	19970924
US 6266299	P	19971217	US AA		PCT-APPLICATION
			WO 97JP4664	W	19971217
US 6266299	P	19990520	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 308550	A	19990520
US 6266299	P	20010724	US BA		PATENT (NO PREVIOUS

			PRE-GRANT PUBLICATION)	
US 6278671	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6278671	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6278671	P	19960516	US AA	PRIORITY (CONTINUATION)
		US 649411	A1	19960516
US 6278671	P	19991116	US AA	PRIORITY (CONTINUATION)
		US 441281	A1	19991116
US 6278671	P	20001004	US AE	APPLICATION DATA (PATENT) (
			APPL. DATA (PATENT))	
		US 679580	A	20001004
US 6278671	P	20010821	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 6285762	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6285762	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6285762	P	19960516	US AA	PRIORITY (DIVISION)
		US 649411	A3	19960516
US 6285762	P	19990923	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 401935	A	19990923
US 6285762	P	20010904	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 6285763	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6285763	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6285763	P	19960516	US AA	PRIORITY (CONTINUATION)
		US 649411	A1	19960516
US 6285763	P	19991116	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 441281	A	19991116
US 6285763	P	20010904	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 6285764	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6285764	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6285764	P	19960516	US AA	PRIORITY (CONTINUATION)
		US 649411	A1	19960516
US 6285764	P	19991116	US AA	PRIORITY (CONTINUATION)
		US 441281	A1	19991116
US 6285764	P	20001004	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 679233	A	20001004
US 6285764	P	20010904	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 6298138	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6298138	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6298138	P	19960516	US AA	PRIORITY (CONTINUATION)
		US 649411	A1	19960516
US 6298138	P	19991116	US AA	PRIORITY (CONTINUATION)
		US 441281	A1	19991116
US 6298138	P	20001004	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
		US 679505	A	20001004
US 6298138	P	20011002	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 6301569	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 6301569	P	19960123	US AA	PRIORITY (PATENT)
		JP 968910	A	19960123
US 6301569	P	19960809	US AA	PRIORITY (PATENT)
		JP 96211304	A	19960809

US 6301569	P	19970609	US AA	PRIORITY (CONTINUATION)
			US 849468 A1	19970609
US 6301569	P	19991130	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 450437 A	19991130
US 6301569	P	20011009	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 6343282	P	19951009	US AA	PRIORITY (PATENT)
			JP 95261247 A	19951009
US 6343282	P	19960123	US AA	PRIORITY (PATENT)
			JP 968910 A	19960123
US 6343282	P	19960809	US AA	PRIORITY (PATENT)
			JP 96211304 A	19960809
US 6343282	P	19970609	US AA	PRIORITY (CONTINUATION)
			US 849468 A1	19970609
US 6343282	P	19991130	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 450413 A	19991130
US 6343282	P	20020129	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 6381588	P	19951009	US AA	PRIORITY (PATENT)
			JP 95261247 A	19951009
US 6381588	P	19960123	US AA	PRIORITY (PATENT)
			JP 968910 A	19960123
US 6381588	P	19960809	US AA	PRIORITY (PATENT)
			JP 96211304 A	19960809
US 6381588	P	19970609	US AA	PRIORITY (CONTINUATION)
			US 849468 A1	19970609
US 6381588	P	19991130	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 450416 A	19991130
US 6381588	P	20020430	US BB	PATENT (PREVIOUS PRE-GRANT
			PUBLICATION)	
US 6408285	P	19951009	US AA	PRIORITY (PATENT)
			JP 95261247 A	19951009
US 6408285	P	19960123	US AA	PRIORITY (PATENT)
			JP 968910 A	19960123
US 6408285	P	19960809	US AA	PRIORITY (PATENT)
			JP 96211304 A	19960809
US 6408285	P	19970609	US AA	PRIORITY (CONTINUATION)
			US 849468 A1	19970609
US 6408285	P	19991130	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 450452 A	19991130
US 6408285	P	20020618	US BA	PATENT (NO PREVIOUS
			PRE-GRANT PUBLICATION)	
US 20010013023	P	19951009	US AA	PRIORITY (PATENT)
			JP 95261247 A	19951009
US 20010013023	P	19960123	US AA	PRIORITY (PATENT)
			JP 968910 A	19960123
US 20010013023	P	19960809	US AA	PRIORITY (PATENT)
			JP 96211304 A	19960809
US 20010013023	P	19970609	US AA	PRIORITY (CONTINUATION)
			US 849468 A1	19970609
US 20010013023	P	19991130	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 450438 A	19991130
US 20010013023	P	20010809	US A1A1	PATENT APPLICATION
			PUBLICATION (PRE-GRANT)	
US 20010021144	P	19961219	US AA	PRIORITY (PATENT)
			JP 96339304 A	19961219
US 20010021144	P	19970122	US AA	PRIORITY (PATENT)
			JP 979318 A	19970122
US 20010021144	P	19970924	US AA	PRIORITY (PATENT)
			JP 97259110 A	19970924
US 20010021144	P	19990520	US AA	PRIORITY (DIVISION)
			US 308550 A3	19990520
US 20010021144	P	20010412	US AE	APPLICATION DATA (PATENT) (

				APPL. DATA (PATENT))	
			US 833995	A	20010412
US 20010021144	P	20010913	US A1A1		PATENT APPLICATION PUBLICATION (PRE-GRANT)
US 20010038578	P	19920129	US AA		PRIORITY (PATENT)
			JP 9213809	A	19920129
US 20010038578	P	19920228	US AA		PRIORITY (PATENT)
			JP 9242558	A	19920228
US 20010038578	P	19920309	US AA		PRIORITY (PATENT)
			JP 9250328	A	19920309
US 20010038578	P	19920326	US AA		PRIORITY (PATENT)
			JP 9268031	A	19920326
US 20010038578	P	19920430	US AA		PRIORITY (PATENT)
			JP 92111176	A	19920430
US 20010038578	P	19920722	US AA		PRIORITY (PATENT)
			JP 92194450	A	19920722
US 20010038578	P	19920925	US AA		PRIORITY (PATENT)
			JP 92280874	A	19920925
US 20010038578	P	19930121	US AA		PRIORITY (PATENT)
			JP 938596	A	19930121
US 20010038578	P	19930127	US AA		PRIORITY (CONTINUATION IN PART)
			US 9709	A2	19930127
US 20020046177	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 20020046177	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 20020046177	P	19960809	US AA		PRIORITY (PATENT)
			JP 96211304	A	19960809
US 20020046177	P	19991130	US AA		PRIORITY (CONTINUATION)
			US 450416	A1	19991130
US 20020046177	P	20010731	US AE		APPLICATION DATA (PATENT) (APPL. DATA (PATENT))
			US 917877	A	20010731
US 20020049678	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 20020070282	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 20020070282	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 20020070282	P	19991116	US AA		PRIORITY (CONTINUATION)
			US 441338	A1	19991116
US 20020070282	P	20000615	US AA		PRIORITY (CONTINUATION)
			US 595139	A1	20000615
US 20020070282	P	20020204	US AE		APPLICATION DATA (PATENT) (APPL. DATA (PATENT))
			US 67171	A	20020204
US 20020070282	P	20020613	US A1A1		PATENT APPLICATION PUBLICATION (PRE-GRANT)
US 20020073038	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 20020073038	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 20020073038	P	19960809	US AA		PRIORITY (PATENT)
			JP 96211304	A	19960809
US 20020073038	P	19970609	US AA		PRIORITY (CONTINUATION)
			US 849468	A1	19970609
US 20020080285	P	19920326	US AA		PRIORITY (PATENT)
			JP 9267934	A	19920326
US 20020080285	P	19920925	US AA		PRIORITY (PATENT)
			JP 92256070	A	19920925
US 20020080285	P	19930325	US AA		PRIORITY (PATENT)
			JP 9366461	A	19930325
US 20020080285	P	19930325	US AA		PRIORITY (CONTINUATION IN PART)
			US 37108	A2	19930325
US 20020080285	P	19930927	US AA		PRIORITY (DIVISION)
			US 126589	A3	19930927

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO

Priority (No,Kind,Date): JP 94283415 A 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No,Kind,Date): WO 95JP2339 A 19951116
 Designated States: (National) CN; JP; KR; MX (Regional) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G 97-236119; G 96-268785
 Language of Document: Japanese
 Patent (No,Kind,Date): WO 9714144 A1 19970417
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): WO 96JP2924 A 19961008
 Designated States: (National) CN; JP; KR; US (Regional) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119; G 97-236117
 Language of Document: Japanese
 Patent (No,Kind,Date): WO 9714146 A1 19970417
 OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO; OSHIMA MITSUAKI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): WO 96JP1303 A 19960515
 Designated States: (National) CN; JP; KR; MX; SG; VN (Regional) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): WO 9827553 A1 19980625
 OPTICAL DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK RECORDING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI (JP); KONISHI SHINICHI (JP); TANAKA SHIN ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP); MURAKAMI MOTOYOSHI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KONISHI SHINICHI (JP); TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP); MURAKAMI MOTOYOSHI (JP)
 Priority (No,Kind,Date): JP 96339304 A 19961219; JP 979318 A 19970122; JP 97259110 A 19970924
 Applic (No,Kind,Date): WO 97JP4664 A 19971217
 Designated States: (National) CN; KR; US (Regional) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 120000 With international search report; With amended claims and statement

IPC: * G11B-011/10; G11B-007/00; G06F-012/14
Derwent WPI Acc No: * G 98-363034; G 98-363034
Language of Document: Japanese

?